



# Newsletter

Issue No. 4 October - November 2021

## **Highlights**

### **Articles** on

- Reversing Menopause Dr. Sonia Malik
- Obesity in Middle Age Dr. Ambuja Choranur
- Aesthetic Health in Perimenopause Dr. Ragini Agrawal

### Message



Dr. Ambuja Choranur



Dr. Sudhaa Sharma

Dear Friends,

A joyous 2022 to all of you. We sincerely wish that this year brings with it happiness and good health for all.

As of now we have been doing all activities on virtual platform but now we all are waiting to travel and meet everyone personally in 2022.

Highlights of this issues are scientific articles by Dr. Sonia Malik, Dr. Ambuja Choranur & Dr. Ragini Agarwal.

#### The highlights of this issue are few scientific articles.

- 1. Reversing Menopause Dr. Sonia Malik (Past President, IMS)
- 2. Obesity in Middle Age Dr. Ambuja Choranur (President, IMS 2021-22)
- 3. Aesthetic Health in Perimenopause Dr. Ragini Agrawal (Chairperson, Aesthetic Health Committee, IMS)

Also this issue has all the wonderful activities done by most of the societies and committees thus celebrating Menopause Month (October). They all really need to be appreciated and applicated.

As you all must be knowing by now that IMSCON 2022 is being held in Vadodara (Baroda) Gujarat from 11<sup>th</sup> to 13<sup>th</sup> February 2022 (physically). Dr Binal Shah (President of Vadodara Menopause Society) along with her team is working hard to organize it.

We request all of you to join in large number and enjoy their hospitality. We wish them all the success.

Long Live IMS

Dr. Ambuja Choranur

President IMS India, 2021 – 2022 Dr. Sudhaa Sharma Secretary General IMS India, 2021 – 2022

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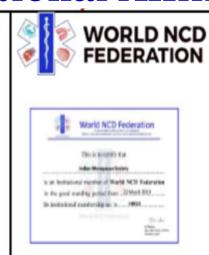
# International News

## Indian Menopause Society **International Affiliations**

Council of Affiliated Menopause Societies (CAMS)







The International Society of Gynecological Endocrinology (ISGE)

### International Academic Exchange













SAFOMS



### IMS International Representatives 2021 & 2022



Dr. Sunila Khandelwal **Advocacy Committee** International Menopause Society



Dr. Hara Pattnaik International Menopause Society -CAMS



Dr. Atul Munshi Asia Pacific Menopause Federation - APMF



Dr. Jignesh Shah South Asian Federation of Menopause Societies - SAFOMS

### **International News**



Prof. Sunila Khandelwal Chairperson, International Advocacy Committee

Dear Friends.

Today's physical distancing takes us apart but we have our friends across the globe with whom we worked together nurtured relationships despite our different backgrounds and personalities, we are a family. Let me congratulate Dr Hara Pattnaik to take the prestigious position of IMS India Representative to CAMS!

(CAMS-collation of Affiliated Menopause Societies- an active body of International Menopause Society).

I am pleased to share news from different organisation as below...

- 1. World Congress: Behalf of Board International Menopause Society& organizing team, I am warmly invite you all for, the 18th World Congress on the Menopause (Lisbon on October 26–29, 2022). I am happy that, Dr Hara has started working enthusiastically & planning for a big delegation from India. To showcase the research being undertaken by young researchers in the Robert Greenblatt Award session will be hosted. The abstract submission for the congress is now open. Visit the congress website to learn more about the topics and the submission guidelines. Do bring pride to India!
- **2.** International Membership Drive: If you are already a member, please do renew your membership, If not become member!
  - We have 20 fee paying IMS members from India.
  - Full membership = £125 (HAV VOTING RIGHTS),
  - Associate membership = £35, Limited Professional = £10 or free for 1 year with IMPART completion, Senior = £80 only.
  - Benefits of Membership International Menopause Society (imsociety.org)
  - Please contact CEO: rebecca.cheshire@imsociety.org for further information.
- 3. IMPART (The International Menopause Society Professional Activity for Refresher Training) Level 1 and 2 now available: participants receive a certificate and a one-year complimentary Entry Level Associate Membership to IMS.he first of the IMPART Level 2 modules has been launched on 18th October 2021, World Menopause Day. Following that, one module per month will be launched. Completion of Level 1 is required in order to start Level 2. I would like to highlight—that have had 429 registrations from India, which is the third highest number of registrations from any country.246 have completed, all of whom now have 1-year free Limited Professional Membership. India is in top five!

- **4. World Menopause** Month & Day: The White Paper on Theme 2020- Premature ovarian insufficiency (POI), published in the October issue of Climacteric. Posters and leaflets releases across the globe. The reports from across the globe are highlighted on the website.
- **5. Menopause News /the Menopause Live** has launched a case report series, to encourage the contribution of high-quality case reports, relating to diverse disciplines, including gynaecological, endocrinological, metabolic, cardiovascular, bone, neurological, psychiatric post reproductive health. Please seek opportunity to highlight your work! If you would like to add a comment or contribute to a discussion e, please contact Menopause Live Editor, Peter Chedraui at <a href="mailto:peter.chedraui@cu.ucsg.edu.ec">peter.chedraui@cu.ucsg.edu.ec</a>

Also you may take advantage of Free or Open Access to selected papers recently published in *Climacteric*. *IMS webinars recordings& interviews series* are also available on website.

**6. BECOME AN ISGE MEMBER!** ISGE Membership gives you access to • Free Access to the digital edition of "Gynaecological Endocrinology" • Discount on all courses organized by the International School of Gynaecological and Reproductive Endocrinology • Online access to all the lectures of the latest world congresses with slides and audio • €100 discount on the World Congress registration. • Monthly newsletter with news, abstracts, reviews and other contents on the Gynaecological Endocrinology topics. Registration Fee is €50 and gives you a TWO years membership for free. Do enjoy and take this new opportunity!

I take this opportunity to remind you that this year the **20th World Congress of the International Society of Gynecological Endocrinology** will take place in **Florence from Wednesday 11th May to Saturday 14th May 2022**. Make sure to contribute with your research. If you cannot join us in Florence don't worry you can attend virtually.

- **7.** Are you are interested an EMAS membership? We are a recognized EMAS affiliated society, So EMAS is Offering an 3 month "trial membership" and enter the code: 3A78EA3 and select offline payment. you would be able to see all previous Webinar series. For more information about EMAS, please visit the website <a href="www.emas-online.org">www.emas-online.org</a>
- Looking forward to your active participation at all international platforms.
- Gear up for Joining us in Lisbon on 26 29 October 2022 IMS2022 World Congress.
- Stay healthy& blessed.
- My Best wishes for a healthy and joyful 2022!

### 18th World Congress on Menopause







#### Sejam bem-vindos

#### Itinerary Specially Prepared for Lisbon (Portugal), Barcelona and Madrid (Spain)



### Lisbon





Sat in the estuary of the Tagus River, Lisbon is the westernmost capital city in continental Europe and serves as Portugal's chief port, largest and capital city, and commercial, political and tourist centre. It was once considered by Europeans to be the furthest edge of the known world before it became basecamp for the renowned Portuguese explorers of the 15th and 16th centuries, Vasco da Gama being the most well-known.

The city is defined geographically by seven hillsides which overlook the river, these vantage points being a highlight for anybody's visit. Much of the architecture is defined by a huge earthquake that destroyed much of Lisbon in 1755, the rebuilding exercise that followed providing the template of what stands today. As well as being scenically spectacular, Lisbon is a crucial economic centre and lies on a strategic sea route. Its port is bustling with activity, handling a large proportion of the trade between Portugal and neighbouring Spain.

The city is also culturally one of the country's most important hubs. Despite making up just three percent of Portugal's landmass, the metropolitan area is home to more than a quarter of the nation's population, owed much to the surge in migration from rural areas in the 1970s when industrial activity took off.

### Barcelona



**Barcelona**, the cosmopolitan capital of Spain's Catalonia region, is known for its art and architecture. The fantastical Sagrada Família church and other modernist landmarks designed by Antoni Gaudí dot the city. Museu Picasso and Fundació Joan Miró feature modern art by their namesakes. City history museum MUHBA, includes several Roman archaeological sites.

### Madrid



Madrid, Spain's central capital, is a city of elegant boulevards and expansive, manicured parks such as the Buen Retiro. It's renowned for its rich repositories of European art, including the Prado Museum's works by Goya, Velázquez and other Spanish masters. The heart of old Hapsburg Madrid is the portico-lined Plaza Mayor, and nearby is the baroque Royal Palace and Armory, displaying historic weaponry.

### Day 1 (Arrival Lisbon and Sunset Cruise)

- > Arrival at the Humberto Delgado Airport
- Completer your Immigration formalities and proceed for baggage collection
- > Lunch at Restaurant
- ➤ Check in at the Hotel
- > Time free to Relax and Freshen up
- Evening proceed for Sunset Sailing Cruise
- > Dinner at Restaurant
- > Return back to Hotel
- Overnight stay at the Hotel





### Day 2 (Conference and City Tour)

- > Buffet Breakfast at the Hotel
- ➤ Conference at the Hotel
- Packed Lunch to be provided
- > Conference continues
- > Time to change and freshen up
- Proceed for City tour on (Tuk-Tuk or Side Car Vintage bike tour)
- ➤ Dinner at Restaurant
- > Return back to Hotel
- Overnight stay at the Hotel







### Day 3 Conference

- > Buffet Breakfast at the Hotel
- ➤ Full Day Conference
- Packed Lunch to be provided
- > Dinner at pre decided Gala Venue
- Return back to Hotel
- Overnight stay at the Hotel



### Day 4 Sintra Tour and Shopping

- ➤ Buffet Breakfast at the Hotel
- ➤ Proceed for Sintra Tour
- ➤ Lunch at Restaurant
- > Shopping drop at Rua Augusta
- ➤ Dinner at Restaurant
- Return back to Hotel
- Overnight stay at the Hotel





### Day 5 Arrival Barcelona

- > Buffet Breakfast at the Hotel
- ➤ Depart for Barcelona
- Upon Arrival Lunch at Restaurant
- ➤ Check in at the Hotel
- ➤ Time free to Relax
- > Evening proceed for Sagrada Familia Guided Tour
- ➤ Dinner at Restaurant
- > Return back to Hotel
- Overnight stay at the Hotel

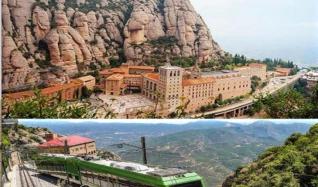




### Day 6 Barcelona

- ➤ Buffet Breakfast at the Hotel
- Proceed for Montserrat
- ➤ Visit the site and Enjoy the Cog Wheel Train ride
- Lunch at restaurant
- > Entrance to Poble Espanyol (Spanish village).
- > Small Souvenir shopping in las ramblas area
- > Dinner at Restaurant
- Return back to Hotel
- Overnight stay at the Hotel





### Day 7 Barcelona

- Buffet Breakfast at the Hotel
- > Depart for Shopping La Rambla
- ➤ Lunch at Restaurant
- > Shopping continues or return back to Hotel
- ➤ Evening proceed for Flamenco show with drinks and Dinner (Enjoy a breathtaking evening at Las Carboneras Flamenco Show watching a fantastic flamenco performance. Singers, Guitarists and Dancers join their experience to make you feel the art of 'Flamenco')
- Return back to Hotel
- Overnight stay at the Hotel







### Day 8 Madrid

- Buffet Breakfast at the Hotel
- > Post breakfast, transfer to Train Station to board train to Madrid.
- ➤ Board your AVE Train to Madrid (650 km. in 03 hours)
- Arrive Madrid
- > Enjoy the orientation tour of the Madrid city
- Visit the Royal Palace Madrid
- Lunch at Restaurant
- Check in at the Hotel
- Evening Enjoy the below optional tours

#### ( Segway tour/ Vespa Scooter tour/ Beer Bike Ride in Madrid Teams)

- Dinner at Restaurant
- Return back to Hotel
- Overnight stay at the Hotel









### Day 9 Madrid

- > Buffet Breakfast at the Hotel
- Proceed for Half Day city tour of Madrid
- Visit the TOLEDO.

(Navigate the cobbled streets, and explore the diverse architecture of the medieval city. Admire masterpieces by El Greco including The Burial of the Count of Orgaz in the church of St. Tome)

- > Visit to Swords factory showroom.
- ➤ Lunch at Restaurant
- Experience BULL fight show in Madrid. (Bullfighting is a physical contest that involves humans and animals attempting to publicly subdue, immobilize, or kill a bull)
- > Dinner at restaurant
- Return back to Hotel
- Overnight stay at the Hotel





### Day 10 Departure Madrid

- ➤ Buffet Breakfast at the Hotel
- ➤ Visit the famous Santiago Bernabéu Stadium (Home stadium of Real Madrid since its completion in 1947, with a current seating capacity of 81,044. Santiago Bernabéu is one of the world's most famous and prestigious football venues)
- ➤ Lunch at Restaurant
- Last minute Souvenir shopping at El Rastro
- Proceed for Flight back Home



## Optional Sightseeing Tour Port Aventura Aquatic park, Barcelona

Come and discover the Port Aventura Costa Caribe Aquatic Park and enjoy an unforgettable holiday with the children in one of the best water parks in Spain. Installed in the heart of the Costa Daurada this amazing water park will plunge you into a refreshing trip that will transport you to paradise in an aquatic adventure.

Location: Tarragona

Distance from Barcelona: 1.30 Hours drive



# Optional Sightseeing Tour Parque Warner Theme Park, Madrid

Located 25 kilometres south of Madrid, Parque Warner Madrid is a theme park that aims to cater to everyone in the family, from thrill-seekers to children, and movie-and-entertainment fans. When it comes to rides, the park has no shortage, with options ranging from kid-friendly cartoon-themed adventures, to adrenaline-inducing twisters. During warmer (often scorching) Madrid months, you can even go on water rides, though plan and prepare to get drenched. Little ones will feel most at home in Cartoon Village, where there are plenty of rides suitable for the whole family, as well as photo opportunities with famous animated characters.

Location: San La Vega

Distance from Madrid: 35 Mins Drive

Duration- 06-08 Hours inside the Theme Park with Lot of Attractions and Shows and Food Outlets

List of Attractions- https://www.parquewarner.com/en/in-the-park/attractions



## Optional Sightseeing Tour Arab Bath Madrid

Succumb to serenity at the soothing Arabian baths, Hamman Al Ándalus, with a luxurious massage. Immerse yourself in the relaxing resplendence of the candle-lit oasis, allowing your body and mind to unwind amid the Arabian décor and tranquil ambience of the spa. Sip on refreshing mint tea, submerge yourself in the soothing water of the pools then indulge in a massage delivered by an expert masseuse. Upgrade to enjoy a 30-minute massage and exfoliating body scrub.

Location: Madrid

Distance from City Centre: 10-15 Mins Drive

Capacity- 35-40 people at a time and needs to be divided in to different slots



### Flight Options

Carrier	Flight	Class	Date	Day	From	То	Dep	Arr	Arr. Date
EK-Emirates						Dubai (United Arab			
Airline	513	Economy	25-Oct	Mon	Delhi (India)	Emirates)	0415	0620	25-Oct
					Dubai				
EK-Emirates					(United Arab				
Airline	191	Economy	25-Oct	Mon	Emirates)	Lisbon (Portugal)	0725	1235	25-Oct
VY-Formosa					Lisbon				
Airlines	8461	Economy	29-Oct	Fri	(Portugal)	Barcelona (Spain)	0905	1200	29-Oct
EK-Emirates					Madrid	Dubai (United Arab			
Airline	142	Economy	03-Nov	Wed	(Spain)	Emirates)	1425	0025	04-Nov
					Dubai				
EK-Emirates					(United Arab				
Airline	510	Economy	04-Nov	Thu	Emirates)	Delhi (India)	0420	0855	04-Nov

### **Report from APMF**

Dr. Atul Munshi APMF Representative Indian Menopause Society



- The APMF council meeting was held on a virtual platform with 12 voting members (much less than a physical meeting) on 20th November.
- Various future plans of educational activities, research projects, were discussed in detail.
- The 10th APMF scientific meeting in 2025 was allotted to Malaysia.
- India has to bid for 2027 at the Council meeting in Indonesia in 2023 at the 9th scientific meeting.

### **REVERSING MENOPAUSE**

# Dr. Sonia Malik (Past President, IMS) Director & HOD, Nova Southend Fertility & IVF, Vasant Vihar, New Delhi



The onset of menopause signals the end of a woman's fertile years. Its associated adverse effects are produced mainly due to a deficiency of the hormone estrogen. A peri menopausal or post menopausal woman may suffer from symptoms such as:

- Irregular or missed periods
- Periods that are heavier or lighter than usual
- Hot flashes
- Vaginal dryness
- Bladder irritability and incontinence
- Emotional changes (irritability, mood swings, mild depression)
- Dry skin, eyes, or mouth
- Sleeplessness
- Decreased sex drive

The deficiency of estrogen in the body also predisposes the woman to other medical conditions such as Osteoporosis, increased risk for cancer in ovary and colon, periodontal disease, tooth loss and cataract formation.

Till now different treatment modalities were available to control the unpleasant symptoms of menopause. These include:

- o Hormone therapy: This can be in the form of pills, patches, transdermal sprays, or gels or creams. It is used to control symptoms like hot flashes and vaginal dryness. However, hormone therapy has been associated with certain health risks such as heart attack, stroke, and breast cancer), and experts thus recommend using the lowest effective dose of hormone therapy for the shortest period of time necessary for symptom control.
- Antidepressant medications: the selective serotonin reuptake inhibitors (SSRIs) and related medications have been shown to be effective in controlling the symptoms of hot flashes in up to 60% of women.
- o Gabapentin: Gabapentin helps to reduce hot flashes. It is useful in women who can't use estrogen therapy and in those who have hot flashes at night.

- Clonidine: It is typically used to treat high blood pressure and may help to treat hot flashes.
- Vitamin D supplements: vitamin D supplements help strengthen bones and treat or reduce the risk of developing osteoporosis.
- o Non-hormonal vaginal gels, creams, and lubricants can help prevent the symptoms of vaginal dryness.

Emerging research suggests that menopause can be reversed, at-least temporarily. Scientists are looking at potential treatments such as melatonin therapy, ovarian rejuvenation, ovarian tissue cryopreservation and cosmeceuticals. Each therapy aims to reduce the symptoms of menopause and revive natural ovulation.

Melatonin is a sleep hormone produced by the pineal gland and it plays an important role in the production of reproductive hormones. It has been seen that the pineal gland shrinks in size as a woman approaches menopause. Melatonin levels decline during aging and this may signal the derangement of pineal and pituitary-controlled ovarian cyclicity and the progressive quenching of fertility in women. Bellipani et al (2001) studied the effects of exogenous administration of melatonin on the level of hormones which are involved in the genesis and progression of menopause. They found that most women treated with melatonin reported a general improvement of mood and a significant mitigation of depression. They also observed a recovery of pituitary and thyroid functions in melatonin-treated women, towards a more juvenile pattern of regulation. Although more research is required for more conclusive evidence, melatonin could be a natural and safe way of delaying, or potentially reversing, menopause.

Ovarian rejuvenation is a new procedure that utilizes platelet-rich plasma (PRP) injections to stimulate natural hormonal production and restore fertility in women who are unable to conceive or who suffer with symptoms associated with hormone deficiency. The platelets contain alpha granules which contain platelet-derived growth factor (PDGF); transforming growth factors 81, 82, and 63 (TGF-61, TGF-62, TGF-63); platelet-derived angiogenesis factor (PDAF); insulin-like growth factor 1 (IGF-1); platelet factor 4 (PF-4); epidermal growth factor (EGF); epithelial cell grow factor (ECGF); vascular endothelial cell growth factor (VEGF); primary fibroblast growth factor (bFGF); bone morphogenetic proteins BMP-2, BMP-4, BMP-6, and BMP-7; and other cytokines. During PRP (platelet-rich plasma) therapy, the platelets degranulate and release cytokines. These activate the ovarian germline stem cells (GSCs) and also promote folliculogenesis in the dormant primordial follicles present in the ovary. Petryk et al (2020) conducted a study to evaluate the role of PRP in restoring ovarian function. They found a significant improvement in hormone levels. They also achieved ten pregnancies after PRP therapy of which six healthy babies were born. Intraovarian PRP thus shows promise for women in menopause as an alternative to conventional HRT, and to those seeking pregnancy.

Ovarian tissue cryopreservation and transplantation (OTCT) has recently been advocated as a method to delay menopause. It involves cryopreserving the ovarian tissue that is excised at a young age and then transplanted at menopause, when ovarian function is no longer present. However, it is unknown whether ovarian grafts result in a normal steroid pulsatile secretion, similar to that present during reproductive years. Till now no comparative studies have been conducted to evaluate OTCT as a potential alternative to hormone replacement therapy (HRT) and there is no evidence to suggest that OTCT is superior to HRT in terms of both efficacy and safety. Thus, further evaluation and clinical investigation are required before regarding OTCT as a mainstream technique for managing menopausal symptoms.

Menopause is associated with a decline of 17b-estradiol levels. Deficiency of estradiol levels negatively impacts the dermal cellular and homeostatic mechanisms, resulting in dramatic reduction in skin health and wellness. There is loss of collagen, elastin, fibroblast function, vascularity, and increased matrix metalloproteinase(s) enzymatic activities, resulting in cellular and extracellular degradation that leads to dryness, wrinkles, atrophy and impaired wound healing/barrier function. Traditional treatment includes use of hormones locally which effectively reverses skin deterioration. However, aversion to long term use of systemic hormones has led to research for newer therapeutic agents such as bioidentical hormones and cosmeceuticals.

Bioidentical Hormones are compounds that have exactly the same chemical and molecular structure as hormones that are produced in the human body.

Bioidentical estrogen (178-estradiol) is derived from plant sources and is available in pills, patches, sprays, creams, gels, and vaginal tablets. The compounded estrogen formulations most frequently prescribed contain 2 or 3 forms of estrogen that are "identical" to those found in humans: estradiol, estrone, and estriol in varying percentages. It has been found that they have a beneficial effect on vasomotor symptoms, hot flashes, bone density, urogenital atrophy, and fracture prevention.

Progesterones are poorly absorbed and rapidly metabolized, while progestins have high oral bioavailability. The process of micronization improves absorption of oral progesterone. Bioidentical progesterone is available in certain FDA-approved preparations as oral micronized progesterone in oil or as vaginal progesterone gel.

It is claimed that Customized Bioidentical Hormone Treatment (CBHT) with its customized compounded formulations provide the best means of "tailoring or personalizing" therapy iv

However, there is a lack of uniformity in the various formulations that can be compounded and thus treatment should be taken under guidance of a licensed health professional.

Cosmecuticals: Cosmeceuticals represent the blending of cosmetics and pharmaceuticals. However, the FDA considers cosmeceutical products as cosmetics only. The plant kingdom is the main source of the new cosmeceutical ingredients and the phytoestrogens act as SERMs and possess ER b-agonist properties. Many plant derived compounds (phytoestrogens) that contain estrogen-agonist SERMs now play major roles in treatments for aging and estrogen-deficient skin. There are two promising cosmeceuticals in this regard namely, an analog of resveratrol [4'-acetoxy resveratrol (4AR)] and the isoflavonoid compound equol.

The skin benefits of resveratrol includes anti-inflammatory, antioxidant properties that protect against UV radiation. The isoflavonoid compound, equol, is a relatively new phytochemical which binds to the ER b in keratinocytes and inhibits dermal aging and enhances facial attractiveness.

It has been found that creams, gels, and lotions containing phytoestrogens and isoflavones or genistein over 12–24 weeks show improvement in skin dryness, thickness, facial wrinkles, fibroblast viability, increased hyaluronic acid levels, and type I and III collagen production.

These preparations presently play a major role as cosmeceuticals in the skin care industry and help in the reversal of menopause related skin changes.

Thus, there are many approaches which are being studied and developed to manage or reverse the symptoms associated with menopause. However there is not enough scientific evidence to promote any one modality for reversing menopause.

#### References

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# Committee Reports

### **Aesthetic Health Committee**

### Dr. Ragini Agrawal







### Club 35+ Committee

### Dr. Arti Gupta















वाराणसी | वरिष्ठ संवाददाता

वाट्टाणसी विष्टिक संवाददाता
इंडियन मेनोपॉज सोसावटी और
सं तीन दिवसीय 26वां राष्ट्रीय कांफ्रेंस
आईप्रमण्डसीओं—2021 शृक्कवार
को नदेसर स्थित होटल ताज गंगेज से
शृक्क हुआ। इसमें बढ़ती उस में सिखां के
स्वास्थ्य संबंधित बीमारियों पर चर्चा की
गई। इसके अलावा देशभर के विवास
का अध्यातिप्राप्त चिकत्सकों ने
शोध पत्र प्रस्तुत किए।

मुख्य अतिथि महापीर मुदुला
जायसवालन के कहा कि 35 वर्ष से ऊपरे
की सभी महिलाएं अपनी जीवन शैली
में सुधार लाकर चुनौतीपूर्ण दीर को
निवासित करें। यूरीमाइनेकोलांजी तथा
विवास के स्वास्थ्य पर डॉसमीर प्रिवेद, इस

रती मेयर मृदुला जायसवाल । ● हिन्दुस्तान नित्त सेगन, डॉ अखिला सक्स्तेना ने प्रेलिन्दास्तिमा राज्याचित्री एंड चेंज इनमोनो पाँज पर डॉ बंदना नरूला ने विचार रखें। डॉ शीला श्रम में ने केयर ऑफ आईज आपटर-40, डॉ नीलम मिसल ने डेटल केयर एट मिडलाइफ, डॉ उथा बादब ने हाउ डू मेटेन बोर बीन हेल्थ एट मिडलाइफ, डॉ आहिली टंडन ने न्यूट्रिशन एंड हेल्थ आफरर-40 पर व्याख्यान दिया। डॉ प्रमृ मिश्रा, डॉ सेजल अजमेरा, डॉ राजीव कुम्मार, डॉ अंजन खन्ना, डॉ दिव्या कि प्रमृ मिश्र, डॉ अंजन खन्ना, डॉ दिव्या कि प्रमृ मिश्र, डॉ ऑकता पटेल, डॉ निशा सिंह ने अपनी बातें साझा की। इस अस्तर पर डॉ ऑकता पटेल, डॉ निशा मिश्र ने अपनी बातें साझा की। इस अस्तर पर डॉ जिन्नेश शाह, डॉ नर्रंद्र मल्हीजा, डॉ अंजुरा चाला, डॉ नीला मोहरी, डॉ अंजुरा चाला, डॉ निल्या नोहरी, डॉ अंजुरा अध्याला, डॉ शिखा स्थान आहरी, डॉ शिखा स्थाना अधाला, डॉ शिखा स्थान आहरी, डॉ शिखा स्थाना आहरी, डॉ शिखा स्थाना आहरा, डॉ शिखा स्थाना स्थान आहरी, डॉ शिखा स्थाना आहरा, डॉ शिखा स्थाना स्थाना स्थाना आहरा, डॉ शिखा स्थाना आहरा, डॉ शिखा स्थाना स्थान स्थाना स्थान स्थाना स्थान स्थाना स्थाना स्थान स्थाना स्थाना स्थान स्थाना स्थाना स्थान स्थान स्थाना स्थान स्थाना स्थान स्थाना स्थाना स्थाना स्थाना स्थाना स्थाना स्थाना स्थाना स्थाना स्थान स्थाना स्थान





### Club 35+ Committee

### Dr. Arti Gupta





- Indian Menopause Society & Agra Menopause Society with Agra Obs and Gynae Society Invites you for Our next National Public Forum on 13th Nov, Saturday
- Chief guest Dr Sushma Chawla, Dr Ambuja choranur
- · Guest of honour Dr Sudha Sharma
- Chairperson Dr Madhu Rajpal , Dr Ragini Agarwal
- Topic UnderstandingSpouse with love एक दूसरे को समझे प्यार से!
- · Speaker Dr Darshana thakkar.
- Panel on -Spice and Sugar in Married Life शादी-विवाह और नोक झोंक
- ModeratorDr Arti & Dr Darshana
- Panelist
  - Dr Narendra Malhotra
  - Dr Vipul Kapadia
  - Dr Amita Sharma
  - Dr Sunita Rani
  - Dr Archana Dwivedi
  - Dr Yogesh patel





गहल नगर में सदकों की खोटाई से बरा हाल





### **Education Committee**

### Dr. Laxmi Shrikhande







### Fertility & Aging Committee

### Dr. Sushma Baxi

- Fertility and ageing committee of IMS had a webinar on 19th October with Jammu menopause society, Jammu medical College and Jammu obgyn society.
- Dr Ambuja and dr Sudhaa Sharma were chief guest and guest of honor.
- Dr Sushma baxi talked on issues of midlife fertility
- Dr krishna chaitanya talked on fertility management in advanced paternal age. Dr Shivani gaur talked on ART in 40+ and dr Niraj jadav spoke on sexual problems in females 40+
- Dr Amita Gupta, dr Anil Mehta, dr Jyoti huq, dr Meeta Gupta dr sapana Puri were esteemed chairpersons. Dr Neha Mahajan and dr pallavi were MOC.
- The webinar was attended by members of Jammu menopause and obgyn society in large nos.





### **Rural Committee**

### Dr. Savita Tyagi

- In month of October
- Free check up camp was organised on 07 th of October by ims Agra at Ishwar nursing home and around 20 menopausal women were examined for Bp ,sugar , cholesterol ,BMI and general examination
- One webinar with ims Agra done on 28 th of October, well attended by 100 members
- In month of November our team went to one nearby slum of Agra to motivate about health check importance in menopausal women













### **Quiz Committee**

### Dr. Jyoti Jaiswal



### National Quiz @ IMSCON 2021 @ Varanasi

The national quiz at IMSCON 2021Varanasi on the theme of bone health was conducted from 1-3 October 2021.

It was well appreciated by the contestants and the audience participation. IMS President Dr Ambuja, conference chairperson Dr Anuradha Khanna and org. Secretary Dr Neelam Ohri graced the programme with their presence.

National Quiz Co-ordinator : Dr Jyoti Jaiswal

Member of Local quiz committee:

Dr Madhu Jain, Dr Sadhana Gupta, Dr Mamta, Dr Ruchi

There were two rounds in the quiz

- Preliminary round: written round of 25 MCQs held on 1.10.21 in hall Buddha
- Final round: conducted on 3.10.21 in hall Ganga on stage
- Numbers of participants: we received total 15 entries from all over the country.
- No of participants attended in the quiz = 12
- No of participants absent in the quiz = 03
- Out of these 12 participants, we selected 4 finalists who scored highest in the preliminary written round.
- There names are given below along with their society names & scores.
  - Dr Yashaswi Pandey (Chennai society) 23/25
  - Dr Divya Chaudhary (Udaipur society) 22/25
  - Dr Nilesh Jethabhai Chawda (Surat society) 21/25
  - Dr Monika Chandra (Varanasi society) 20/25



### Quiz Committee

### Dr. Jyoti Jaiswal



- Final round quiz summary: final round of the quiz was conducted on 3.10.21 on stage in front of audience
- In the final quiz we conducted 4 rounds
  - 1. General round related to menopause society
  - 2. Audio-visual round
  - 3. Bone health round
  - 4. Rapid fire round
- Winners of the quiz: based on the results of final round quiz questions:
- First winner: tie between two candidates Dr Divya Chaudhary and Dr Nilesh Chawda
- Dr Divya won RATNABALI QUIZ RATNA AWARD Of cash prize Rs 11,000/-
- Dr Nilesh Won Dr Duru Shah Award of cash prize Rs 8000/-
- First runner up : Dr Yashaswi Pandey received cash prize of Rs 6000/-
- Second Runner up: Dr Monika Chandra received cash prize of Rs 4000/-









### OBESITY, MEDICAL RED FLAG Midlife weight management

### Dr. Ambuja Choranur

President, IMS 2021-22

Prevalence of obesity in India is 40.3%.

According to ICMR-INDIAB study 2015, prevalence rate of obesity and central obesity are varying from 11.8% to 31.3% and 16.9%–36.3% respectively.

Zonal variations were seen as follows: south highest at 46.51% and east lowest at 32.96%

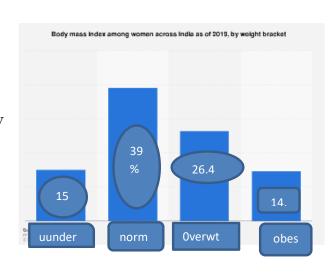
Obesity was higher among women than men (41.88% vs. 38.67%), urban than rural .29-May-2021 Women frequently become overweight during the menopause transition years.

National Family Health Survey (NFHS-4) report; the prevalence of obesity among women in India is 20.7.

### Body mass index among Indian women 2019 by weight bracket

Published by Statista Research Department, Mar 31, 2021

As per the results of a large scale survey in 2019, a majority of Indian women were found to have a normal body mass index. While around 26 percent of the respondents were overweight. Only 15 percent of surveyed women were underweight, whereas 23 percent of the surveyed men were underweight across the country that year.



Normal BMI people also can have abdominal obesity depicted by waist circumference, Increased WC is a risk factor for Non communicable diseases.

Middle aged women (Age 45 to 60 yrs) gain approximately 0.55kg(<1lb)/year(Kuller et al 1997). During menopausal transition even in the absence of weight gain, body fat distribution changes. Preferential increase in central fat, intra-abdominal fat (android orv apple shape) and gluteo-femoral fat is noticed. This is independent of age and total body fat, Android obesity is associated with hypertriglyceridemia and increase in LDL.



**Obesity** — especially abdominal obesity— contributes to and increases the risk of cardiovascular and metabolic disorders, arthritis, respiratory problems, urinary incontinence, and some types of cancer. Physical and cognitive function may also be adversely affected <sup>(1)</sup>

Decrease in Estrogen levels is one of the contributory factors for visceral obesity and insulin resistance.

Indian women attain menopause six years earlier than western counterparts, one third of their life they spend in post-menopausal oestrogen deficiency state<sup>(2)</sup>. However, the role of oestrogen as well as the role of lifestyle (poor diet, lack of exercise, drinking excessive alcohol, and smoking), reduced protein consumption, increased oxidative stress, and aging need to be better defined by randomized, controlled trials before a direct cause and effect of estrogen loss can be postulated <sup>(3)</sup>. An unhealthy lifestyle has been linked not only to obesity but also to increasing cancer rates, especially lung, colon, and breast <sup>(4)</sup>. These data suggest that one-third to one-half of future cancers could be avoided by encouraging people to eat healthier, not smoke, and exercise.

Most strategies used in weight loss — diet and exercise are not successful because obese people consume more calories for their energy needs and to satisfy their satiety and excitement. concentrated fats and sugars in fast foods are addictive like alcohol and nicotine. Have less proteins leading to less energy. Magnetic resonance imaging studies of the brain give us further understanding of food's addictive role <sup>(4)</sup>.

### Indirect contributors to midlife and menopausal weight gain

- Limitation of physical activity due to osteoarthritis
   Osteoarthritis is more prevalent in women than men after the age of 50.
   Joints become stiff, swollen and painful leading to loss of range of movements and several activities are painful or not possible.
- 2. Poor sleep and insomnia: Inadequate sleep has been linked to increased appetite, less physical activity, and altered thermoregulation, which can lead to weight gain and obesity<sup>(5)</sup>. Correcting sleep problems in midlife and older women should have a positive impact on maintaining ideal weight. Women who are resistant to interventions for insomnia and sleep dysfunction should be encouraged to have a sleep study done.

3. Sedentary Lifestyle: Global industrialization from year 2000 increased sedentary lifestyle and unwanted weight gain.

In 2000, the Centres for Disease Control and Prevention (CDC) reported that 26.2% of American adults met minimal standards for acceptable activities levels.

In 2001, the CDC added lifestyle activities (eg, vacuuming, gardening, and walking) as part of physical activity and the number of adults not meeting minimal energy expenditure increased to 45.4%.

With increased awareness of problems related to obesity and availability of physical fitness in workplace physical activity has increased among adults.,

There are still approximately 27% of adults who are inactive and 70% who do not engage in exercise on a regular basis.

This is also a public health issue because physical and mental health and weight are influenced by physical activity.

4. Calorie restriction: Restricting calories appears to not only lower body weight and whole body and visceral fat but also improve fasting insulin levels and cardiovascular disease markers, improve the ratio of total cholesterol to high-density lipoprotein cholesterol, and decrease C-reactive protein levels. No decreases in bone density have been noted.

#### **FOCUSPOINTs**

- 1. Maintenance of an ideal body weight should be a priority for midlife and older women. Exercise and physical activity should be first-line interventions.
- 2. Counselling Midlife Women:

A hypocaloric diet - foods with low fat, salt, and sugar and high fibre is required. Discuss the addictive properties of high fat, sugar, and salt maintaining diet and exercise charts, maintaining the time schedule.

Creating awareness by health care workers about obesity, avoiding junk foods, processed foods, avoiding distractors while eating food like TV, cell phone encouraging to eat vegetables and fruits.

- 3. Correcting sleep problems.
- 4. Maintain Blood pressure and Diabetes, annual screening and physical check-ups.

#### References

- 1. Han TS, Tahar A, Lean ME. Obesity and weight management in the elderly. Br Med Bull. 2011;97:169-196.
- 2. Clinical practice guidelines on Menopuse 2020 page no 4.
- 3. Meissier V, Rabasa-Lhoret R, Barbat-Arigas S, Elisha B, Karelis AD, Aubertin-Leheudre M. Menopause and sarcopenia: a potential role for sex hormones. Maturitas. 2011;68(4):331-336.
- 4. Von Deneen KM, Liu Y. Obesity as an addiction: why do the obese eat more? Maturitas. 2011;68(4):342-345
- 5. Patel SR, Hu FB. Short sleep duration and weight gain: a systemic review. Obesity (Silver Spring). 2008;16(3):643-653

# SUNDAY WhatsApp Quiz

### Sunday WhatsApp Quiz

#### Date: 3rd October 2021

#### Theme - Metabolic Syndrome and associated diseases

Choose one best answer.

Q1: Which disease is not associated with metabolic syndrome

- A) PCOS
- B) Endometrial cancer
- C) type 1 diabetes
- D) Stroke

Q2: Which medication do not contribute to nonalcoholic fatty liver

- A) Tamoxifen
- B) Corticosteroid
- C) Metformin
- D) Irinotecan

Q3: Leptin hormone is produced by which tissue

- A) Neuronal tissue B) Adipocytes
- C) muscles
- D) ovary

#### Q4: TRUE / FALSE

Bacteria and viruses that populate our gut do not have role in metabolic syndrome and associated diseases

#### Q5: TRUE / FALSE

Mitochondrial dysfunction may play as a contributor to metabolic syndrome

#### Quiz compiled by

#### Dr Jyoti Jaiswal

Chairperson, Quiz committee, IMS

#### ANSWER SHEET

- 1. C: type 1 diabetes
- 2. C: Metformin
- 3. B: Adipocytes
- 4. False
- 5. True

#### Reference

The metabolic syndrome and associated diseases.

Toxicology sciences, vol162, issue 1, march 2018;pg 36-42

#### Winners of WhatsApp quiz of 03/10//2021- on Metabolic Syndrome and associated diseases

Dr. Arsh

Dr. Arjunayan Roy

Amritsar

Kolkata

Dr. Usha Vikrant

Dr. Pammi Arora

Bangalore

Lucknow

Dr. Indu Singh

Dr. Savita Somalawar

Bhagalpur

Nagpur

Dr. Falguni Thakkar

Dr. Anandi

Bharuch

Patiala

Dr. Meeta Agarwal

Dr. Sukriti

Bhopal

Patna

Dr. Rashmi Bagga

Dr. Aparna

Chandigarh

Pune

Dr. Shashi Jindal

Dr. Mitali Tuwani

Faridabad

Raipur

Dr. Neeti Dogra

Dr. Jigna Ganatra

Gorakhpur

Rajkot

Dr. Anu Sidana

Dr. Neeta Shah

Gurugram

Surat

Dr. Yasmin Syed

Dr. Rupa Sharma

Jaipur

Udaipur

Dr. Chitra Gupta

Dr. Ushma Maniar

Jalandhar

Vadodara

Dr. Isha Sunil

Jammu

### Sunday WhatsApp Quiz

### Date: 17th October 2021

Theme - Visceral adiposity and associated facts

Choose one best answer.

Q1: Visceral Adipose tissue can be measured by

A) waist circumference

B) USG

C) CT

D) All

Q2: Increased visceral fat is associated with all of

the following cancers EXCEPT

A) Colon

B) Breast

C) Kidney

D) Bladder

Q3: DEXA can be used to measure

A) BMD

B) Visceral adiposity

C) muscle mass

D) All

Q4: TRUE / FALSE

Increased visceral fat is associated with increased CRP in cases with menifest vascular

disease

Q5: TRUE / FALSE

Increased visceral fat is associated with decreased heart rate in cases with vascular disease

#### Quiz compiled by

#### Dr Jyoti Jaiswal

Chairperson, Quiz committee, IMS

#### ANSWER SHEET

- 1 D: All
- 2 D: Breast
- 3 D: All
- 4 True
- 5 False

#### Reference

- The metabolic syndrome and associated diseases.
   Toxicology sciences, vol162, issue 1, march 2018; pg 36-42
- Increased VAT is associated with increased resting heart rate. Remy HH Bemalmans et al 2012
- FeberDR et al. atherosclerosis. 2010

Clinical importance of visceral adiposity: A critical review

#### Winners of WhatsApp quiz of 17/10/2021 – on Visceral adiposity and associated facts

Dr. Rajni Asthana

Dr. Shaily Agrawal

Ahmedabad

Kanpur

Dr. Pratibha Singh

Dr. Arjunayan Roy

Bhagalpur

Kolkata

Dr. Bhavna Sheth Bharuch Dr. Savithri Ramesh

Madurai

Dr. Meeta Agarwal

Dr. Vidya Sutovane

Bhopal

Nagpur

Dr. Poonam Loomba Chandigarh Dr. Sangeeta Agrawal

Patiala

Dr. Shashi Jindal

Dr. Priyanka

Faridabad

Patna

Dr. Shweta

Dr. Sushila Khunte

Gorakhpur

Raipur

Dr. Suman Bisnoi

Dr. Chetna Shah

Gurugram

Surat

Dr. Chitra Gupta

Jalandhar

Dr. Ushma Maniar

Vadodara

Dr. Preeti

Jammu

### Sunday WhatsApp Quiz

### Date: 7<sup>th</sup> November 2021 Theme - Diabetes and Menopause

Choose one best answer

Q1: Menopausal hormone therapy has a favourable effects on Diabetes

True/False

Q2: Oral estrogens provide a stronger improvement in insulin sensitivity than transdermal E2 at equivalent doses

True/False

Q3: Which is the preferred Menopausal hormone therapy for menopausal women with T2DM and coexistent CVD risk factors.

- A. Transdermal 17 B-estradiol
- B. Transdermal 17 β-estradiol with or without norethisterone acetate
- C. Transdermal 17 β-estradiol with or without dydrogesterone
- D. All of the above

Q4: Beneficial role of Menopausal hormone therapy on diabetes mallitus is due to all except

- A. Decreased fasting glucose
- B. Decreased insulin clearance
- C. Increase Insulin secretion
- D. Increase Insulin sensitivity

Q5: Which among the following progesterone attenuates the beneficial effect of estrogen on glucose homeostasis by increasing insulin resistance?

- A. Medroxyprogesterone acetate
- B. Levonorgesterol
- C. None of the above
- D. Both of the above.

#### Quiz compiled by



Member, Quiz committee, IMS

#### ANSWER SHEET

- 1-True
- 2-True
- 3 D: All of the above
- 4 B: Decreased insulin clearance
- 5 D: Both of the above

#### Reference

Clinical Practice Guidelines on Menopause: \*An Executive Summary and Recommendations: Indian Menopause Society 2019–2020

### Winners of WhatsApp quiz of 07/11//2021- on Diabetes and Menopause

Dr. Usha Patel

Dr. Chitra Gupta

Ahmedabad

Jalandhar

Dr. Indu Singh

Dr. Arti Singh

Bhagalpur Kanpur

Dr. Pragati Prajapati

Dr. Ambe Shah

Bharuch

Kolkata

Dr. Meeta Agarwal

Bhopal

Dr. Kavita Mandrelle

Ludhiana

Dr. Rashmi Bagga

Chandigarh

Dr. Santosh Godara

Patiala

Dr. Shashi Jindal

Faridabad

Dr. Subuhi Naqvi

Raipur

Dr. Reeta Singh

Gorakhpur

Dr. Varsha Prapanna

Vadodara

Dr. Vandana Narula

Gurugram



### Sunday WhatsApp Quiz

## Date: 21st November 2021 Theme - Diabetes and menopause

Choose one best answer

Q1: Which among the following is the Criterion to define Prediabetes?

A. Fasting blood glucose from 100-125 mg/dL

B. HbA1c is 5.7%-6.4%.

C. Both A and B

D. HbA1c is 5.6%-6.0%.

Q2: The goal in management of diabetes mellitus is to maintain the HbA1c levels is

A. HbA1c around <7%

B. HbA1c around <6%

C. HbA1c around <8%

D. HbA1c around <6.5%

Q3: The target BP for people with diabetes and albuminuria/proteinuria remains

A. <120/80mmHg

B. <130/80mmHg

C. <110/70mmHg

D. < 130/70mmHg

Q4: Approximately 40% of Indian women have Metabolic syndrome

True/False

Q5: Clinical conditions associated with Insulin resistance include Polycystic ovary syndrome (PCOS), Nonalcoholic fatty liver.

True /false

#### Quiz compiled by

#### **Dr Sunita Dubey**

Member, Quiz committee, IMS



#### ANSWER SHEET

1 - C: Both A and B

2 - A: HbA1c around < 7%

3 - B: <130/80 mmHg

4 - True

5 - True

**Reference:** Clinical Practice Guidelines on Menopause: \*An Executive Summary and Recommendations: Indian Menopause Society 2019–2020

#### Winners of WhatsApp quiz of 18/07/2021 – on Metabolic Syndrome and Associate Disease

Dr. Gayatri	Dr. Chitra Gupta
Agra	Jalandhar
Dr. Vidhya Chauhan	Dr. Abhilasha
Ahmedabad	Jammu
Dr. Ratna Vijay	Dr. Neeraj Varyani
Bangalore	Kanpur
Dr. Indu Singh	Dr. Ambe Shah
Bhagalpur	Kolkata
Dr. Bhavna Sheth	Dr. Indulata
Bharuch	Lucknow
Dr. Mohini Sood	Dr. Kavita Mandrelle
Bhopal	Ludhiana
Dr. Shikha Gupta	Dr. Hema Malini
Chandigarh	Madurai
Dr. Sneha latha	Dr. Anandi
Chennai	Patiala
Dr. Shashi Jindal	Dr. Richa Kumari
Faridabad	Patna
Dr. Vikrant Agrawal	Dr. Sanjana Khemka
Gorakhpur	Raipur
Dr. Shikha Jain	Dr. Chetna Shah
Gurugram	Surat
Dr. Shubhra Singh	Dr. Shonali Agrawal

Jaipur

Vadodara

# Aesthetic Health in Perimenopause – Vaginal dryness affecting quality of life A case based discussion

### Dr. Ragini Agarwal

Chairperson, Aesthetic Health Committee, IMS 2021-22

Menopause is an eternal truth of women's life. It affects all aspect of her life be physical, hormonal, mental, sexual and aesthetic.

Climacteric is the period of life starting from the decline in ovarian activity until after the end of ovarian function. According to the definition, the period includes peri-menopause, menopause and post-menopause.

With aging there are changes in external appearance and intimate parts which affects women self-esteem and libido which is already decreases due to loss of hormone

Aesthetic health is an important factor for quality of life. When a woman starts aging due to loss of estrogen many changes occurs and wrinkles ,sagging, loss of elasticity are marked concerned on face , body and intimate organs. To maintain good aesthetic health sound mind and healthy body is basic criteria.

Let's discuss how women intimate parts changes physically

Menopause brings changes in collagen metabolism. Postmenopausal period is marked by low amounts of soluble collagen, slow turnover, and collagen synthesis resulting in decreased skin resilience and pliability. Externally and in intimate part.

Breast glandular tissue decreases with increased fibrous tissue.

Uterus becomes small, and muscles are partly replaced by fibrous tissue.

Vagina becomes narrower and shorter, vaginal and vulvar epithelium atrophies, and pH of vagina increases with increased chances of infection- a condition known as "vulvovaginal atrophy".

External genitalia atrophies with loss of vulval subcutaneous fat. Epithelium of lower urinary tract atrophies, leading to increased tendency to prolapse and chances of urinary tract infection.

Loss of elasticity in Pelvic supporting ligaments contributes to prolapse and urinary incontinence .Pubic hair decreases, scalp hairs become depigmented with conversion of terminal hair to vellus hair.

Vaginal secretions are reduced, resulting in decreased lubrication. Reduced levels of estrogen also result in an increase in vaginal pH, which makes the vagina less acidic, just as it was before puberty.

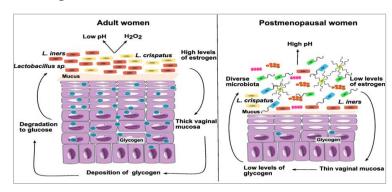
Dry, fragile vulvovaginal tissues are susceptible to injury, tearing, and bleeding during intercourse.

### Case 1 Mrs X 45 yrs

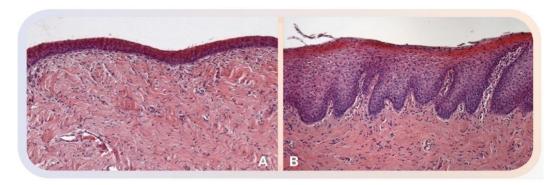
Chief Complaint: "I don't feel like being intimate anymore. I haven't had sex for three years. I don't enjoy it as it's not comfortable and I feel dry. It's affecting our relationship. I feel embarrassed talking about it."

#### **Examination:**

- Vaginal dryness
- Good vaginal wall support
- No lesions on the vagina/ vulva
- Normal pap smear



This patient needs vaginal rejuvenation. Tissue rejuvenation is ability to make a tissue functionally younger

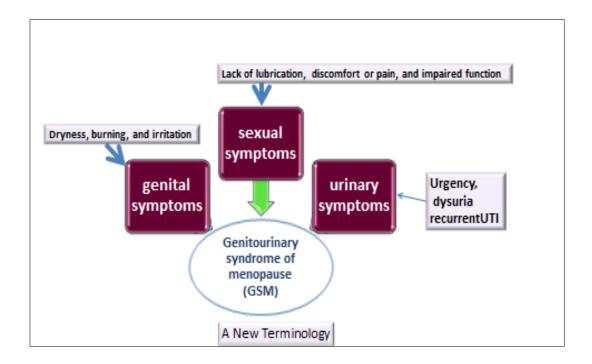


Microscopic Pictures of the Vaginal Tissue Before and After CO<sub>2</sub> LASER (MonaLisa Touch Laser) Treatment

The condition of hypoestrogenism related to menopause has a strong negative impact on vaginal and urinary health, often leading to a condition called genitourinary syndrome (GSM)

Unlike other menopausal symptoms, VVA is a chronic condition that tends to worsen throughout the years after menopause. It therefore requires prompt and long-term therapy to achieve good results and to avoid the recurrence of symptoms when treatment is stopped.

GSM is associated with genital signs and symptoms such as dryness, burning, irritation, and sexual symptoms such as discomfort or pain, and impaired sexual function. VVA affects most peri- and postmenopausal women with a prevalence ranging from 36% to almost 90%, according to the most recent surveys



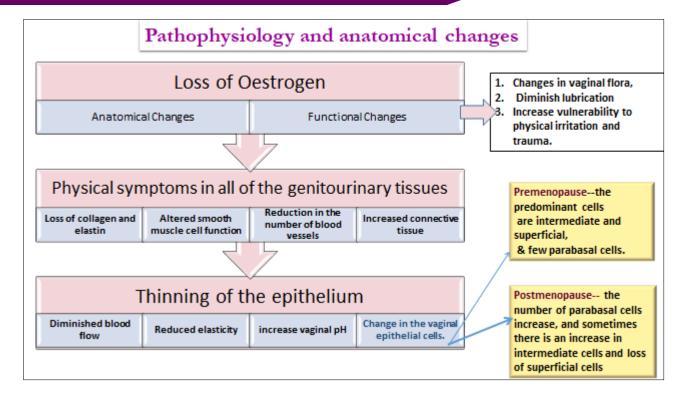


## Vaginal Atrophy

#### The Demand

- Urogenital atrophy is the only symptom that all menopausal women will experience at some point [3]
- Less than half of all women undergoing menopause with vaginal atrophy symptoms are receiving treatment [1]
- Symptoms associated with vulvovaginal atrophy (VVA), such as lack of lubrication and pain with intercourse, affect 20% to 45% of midlife and older women. (1,2)
- Over time VVA can be progressive and less likely to resolve without intervention. It can have a significant effect on a woman's sexual health and quality of life



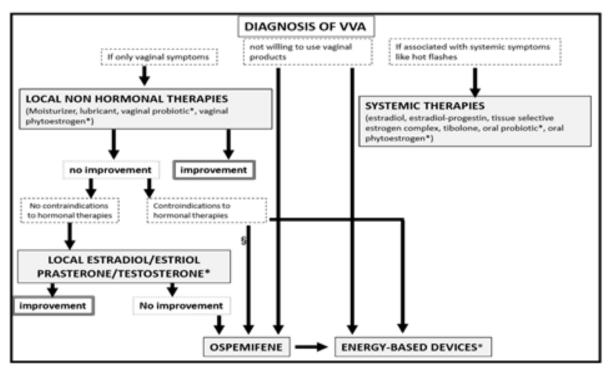


#### Diagnosis of VVA --- The Vaginal Maturation index

The VMI indicates the degree of tissue maturation, measuring the percentage of superficial, intermediate, and parabasal cells.

The maturation value (MV) is calculated with the following formula:

MV = % surface cells +  $(0.5 \times \%$  intermediate cells)



### Treatment for Vaginal dryness/atrophy

Considering that women spend a third of their life in menopause, it is essential to recognize GSM in order to restore the vaginal and vulvar epithelium and ultimately improve quality of life.

When genitourinary symptoms dominate, local therapy is sufficient. This approach is not associated with systemic effects and requires no progestin for endometrial protection.

#### Newer treatments

1) Selective estrogen receptor modulators (SERMs; eg, ospemifene) for vulvovaginal atrophy and dyspareunia

**Ospemifene** is the only selective estrogen receptor modulator (SERM) to be indicated for the treatment of VVA.

It has been approved by the U.S. FDA for the treatment of moderate to severe dyspareunia and by the EMA

It exerts a positive effect on the vaginal epithelium while having, at the same time, a **neutral or minimal effect on the other estrogendependent organs** like endometrium and the cardiovascular system, & an anti-estrogenic effect on breast.

Dose ---- 60 mg daily

The efficacy of ospemifene at a histological level in both vaginal and vulvar tissue has been demonstrated by observing increases in vaginal and vulvar epithelial thickness, glycogen content, proliferation index, and an increase in vaginal estrogen receptor alfa (ERa) in 4 wks to 12 wks.

**Ospemifene** has also been shown to improve atrophy of the vulvar vestibule and to normalize vestibular sensitivity by increasing the perception threshold at a vulvar level & shown to increase ratio type I and type III collagen at the vaginal level, suggesting possible beneficial long-term effects on vaginal connective tissue

#### **Contra-indications**

- 1. A Current Or Previous Thromboembolic Event
- 2. Vaginal Bleeding Of Unknown Origin,
- 3. Presence Of Signs Or Symptoms Of Endometrial Hyperplasia,
- 4. Malignant Tumor Dependent On Sex Hormones, And
- 5. Ongoing Breast Carcinoma

The EMA has also approved its administration in women with a previous breast cancer after the completion of treatment including adjuvant therapy and after performance of a control mammogram

2) DHEA( androgens) to increase epithelial thickness and secretions (Local use )

It acts as a precursor of intracellular sex steroid androgens and estrogens.

Since the conversion happens inside the cells, serum estradiol remains within the normal values for postmenopausal women, thereby probably avoiding the risk of systemic effects

Daily intravaginal prasterone (6.5 mg)

The **endometrium** is not affected by DHEA because the enzymes required to transform DHEA into estrogens are absent in the endometrium.

Although no systemic increase of estrogen level has been reported, a history of breast cancer remains a contraindication

3) Laser therapy, which has been shown to improve elasticity, vascularity, and epithelial proliferation

### **Treatment Using Energy-Based Devices**

The most widely used are

- Fractional microablative CO2 laser
- Non-ablative photothermal erbium: yttrium aluminum garnet (YAG) laser
- Radiofrequency (RF)-based energy devices



#### **Mechanism OF ACTION**

Laser or RF waves act by heating the connective tissue of the vaginal wall to 40 °C to 42 °C.

They induce Collagen Contraction, Neocollagenesis, Vascularization, & Growth Factor Infiltration that ultimately revitalizes and restores the elasticity and moisture of the vaginal mucosa.

The proposed mechanism is the activation of heat shock proteins and tissue growth factors to stimulate new collagen synthesis and epithelial remodeling

### **Laser Therapy**

The efficacy of laser therapy in the treatment of VVA has been suggested by the improvement of GSM symptoms, VHI scores, and female sexual function index (FSFI)

FDA in 2018 to warn against the indiscriminate marketing of laser treatments

#### Advantages

The added advantage of using EBD in post-cancer treated patients following Radiotherapy, or for breast cancer survivors wherein hormone therapy is contraindicated cannot be undermined

- 1. Minimally invasive, virtually painless procedure
- 2. Gentle treatment for controlled safety and accuracy
- 3. Maximum precision with CO2 laser, the right wavelength and perfect pulse
- 4. Fast and efficient delivery of fractionated laser energy split into micro pixels
- 5. No post treatment downtime
- 6. Excellent patient satisfaction and long term success

### Mechanism of Action

### The Action Process Has Three Phases:

Phase I Within 48-72 hr.	Early thermal effect	Edema Release of chemical mediators Shrinkage of collagen and elastic fibers
Phase II In the following 30 days	Proliferation	Fibroblastic recruiting New extracellular matrix New collagen fibers
Phase III After 30- 40 days	Remodelling	Mature collagen fibers Increase of collagen fiber strain Neovascularization: new blood vessel formation Improved lubrication, pH (acidity)

### **Treatment Protocol**

- Office Procedure
- No Anesthesia
- 2-3 Passes of Entire Vaginal Canal
- 3 Sessions
- 1 Month Interval
- 1 Memory Session After 1 Year
- May Repeat Full Course After 2 Years
- In conclusion Atrophic changes of the vulva, vagina and lower urinary tract can have a large impact on the quality of life of the menopausal woman.

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# Local Society Activities

## **Ahmedabad Menopause Society**



## **Bangalore Menopause Society**

### BMD SCREENING AT KCG HOSPITAL – 27<sup>TH</sup> OCTOBER 2021

### About 150 women were screened







28<sup>TH</sup> October 2021

Obesity in Menopause – Is it an unfortunate inevitability?

There were about 42 participation.

Dr. Sheela Mane spoke on Update on Iron Therapy for Anemia

Dr. Ganapati Bantwal, Endocrinologist spoke on Management of the obese Menopausal women

An interaction session was conducted by Dr. Shobha Gudi on Challenges of Gynaec surgeries, MHT, Exercise and weight reduction in obese. Dr. Ganapathi, Dr. Rani Bhat, Dr. Shubha Rama Rao and Dr. Aarthi Prasad, Physiotheraphist were responders.









## Bangalore Menopause Society

### 23<sup>rd</sup> November 2021 – Cardiac Disease in Menopausal Women



There were about 54 participation.

Dr. Sudha Sharma was the chief Guest

Dr. Keshav, Cardiologist spoke on Prevetion and early diagnosis of cardiac illness in menopausal women

Dr. Sheela Mane briefed on setting context of CLUB 35 commitment

An interaction session was conducted by Dr. Shobha Gudi on Life style modification to prevent cardiac disease . Dr. Sundari, Dr. Mohini Prasad, Dr. Nirmala Markandeya, dermatologist, Dr. S S Iyengar, cardiologist were the responders.





24<sup>TH</sup> November 2021 expert Insights – novel Non-Hormonal Management option for Menopausal symptoms



About 280 members attended.
The session was interesting with lots of interactions.



## **Bhopal Menopause Society**

### Physical CME on 17th October 2021:

- Ovarian Masses in Perimenopause by
- Dr. Dr Shradha Agrawal
- Diagnosing and Classifying Ovarian Masses by Dr Somya DwivediAttended by 70 Participants









### Chennai Menopause Society

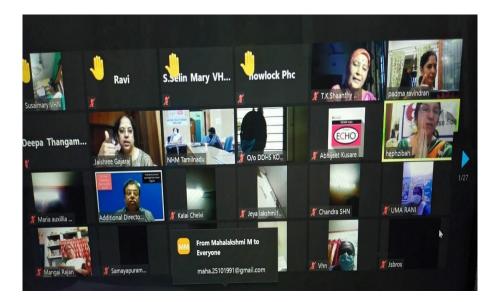
11<sup>th</sup> October – CME, "Fit at Forty" along with Tiruvanamalai OG society. Well attended with guests from the IMS Dr Ambuja, Dr Anita, Dr Sudha Sharma. It was an interesting session, where non medical issues of menopause were also discussed such as Nutrition. Life style modifications and financial stability at midlife.



16<sup>th</sup> October, along with Chettinad Medical college CME on Menopause Basics & Beyond



18<sup>th</sup> October, on World Menopause day, CMS conduced awareness program for nearly 1000 Tamilnadu PHC doctors, across the state on virtual platform, in association with National Health Mission. The guest of honour, was the Director of Public Health Dr Somasundaram



## Chennai Menopause Society

- On 20<sup>th</sup> October, the World Osteoporosis day, CMS along with the Ortho department of Rajiv Gandhi General Hospital, conducted the CME on Osteoporosis. Topics discussed were Postmenopausal Osteoporosis and fracture prevention & management
- 23<sup>rd</sup> & 24<sup>th</sup> International Online Annual Conference of CMS (Webinar), along with Saveetha Medical College. This was preceded by Poster presentations on 22<sup>nd</sup> October
- On the 23rd October, two pre-congress workshops were held. Live workshop on Office Hysteroscopy from 8.30am to 1.30 pm, inaugurated by Dr Ambuja. This included talks and a live relay from Tanvir Hospital Hyderabad. From 2 pm to 5.30 pm, Workshop on Cosmesis in Midlife was conducted, which was inaugurated by Dr Shobana Mohandas
- On Sunday the 24th the International webinar was conducted from
- 9.00 am to 5.30 pm along with Saveetha Medical College. The international faculty included, Prof. Sergio Haimovich-Spain, Prof. Zinnat Nasreen Bangladesh, Dr Vik Khullar UK, Dr. Shrilekha USA & Dr Red Alinsod USA. Key note address was delivered by Dr Jaideep Malhotra and The Esther Memorial Oration by Prof. Susan Davies from, Australia Past President of International Menopause Society.

The webinar inauguration was graced by Dr Kanimozhi Somu, MP, along with the guests of honor Dr Darez Ahmed, IAS and Dr C Ambuja, President IMS. The CMS souvenir and the newsletter were released at the inaugural function





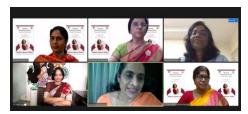
















### **Delhi Menopause Society**

Successfully conducted scientific session on the event of World Menopause Day

Date: 20th Oct 2021

Chairperson: Dr Meenakshi Ahuja, President IMS Delhi Chapter Co-Chairperson: Dr Mala Srivastava, Past President, AOGD-2020-21

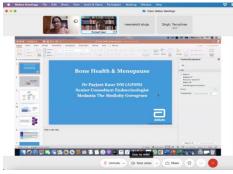
Speaker: Dr Kiranjeet Kaur, Joint Secretary IMS Delhi chapter

Topic: Menopause Health

Speaker: Dr Parjeet Kaur, Consultant Endocrinologist: Medanata Medicity

Topic: Bone health and Menopause







Successful Web Cme conducted by IMS Delhi chapter in association with DMA on **26th October 2021** on the occasion of World Menopause Day. The Guest of Honour Dr Maninder Ahuja, past President IMS and Dr GS Grewal, President DMA shared their pearls of wisdom. Speakers Dr Jyoti Bhaskar (Secretary IMS Delhi chapter), Dr Meenakshi Ahuja (President IMS Delhi chapter) and Dr Renuka Malik (VP IMS Delhi chapter) made the session interesting by busting the myths around menopause, Menopausal Hormone Therapy and Osteoporosis. The session was handled amicably anchored by Dr Kiranjeet Kaur, Joint secretary IMS Delhi chapter and was concluded by Dr Priti Dhamija, Treasurer IMS Delhi chapter.











### Delhi Menopause Society

#### PUBLIC FORUMS (October-November'21)

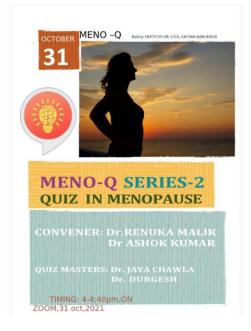
IMS Delhi chapter successfully conducted **Facebook lives** on #World Menopause Day #, spreading general awareness on menopause health, busting myths related to Menopause, the evils and perils of Osteoporosis and how to stay "Fit at forty, Strong at sixty and Independent at Eighty". A heart to heart chat on what women and their bodies need and want at Menopause.

Also a **Quiz on menopause**, **Meno-Q**, was conducted by ABVIMS and RML hospital. Dr Renuka Malik, Vice President IMS Delhi chapter was the Convenor of this event.









## Gorakhpur Menopause Society

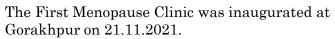
- Many Members of Gorakhpur Menopause Society attended IMSCON 2021 at Varanasi as delegates & as faculty
- Dr. Reena Srivastava, Dr. Surheeta Kareem, Dr. Madhu Gulati, Dr. Sadhana Gupta, & Dr. Amrita Sarkari Jaipuriar.
- The General body Meeting was also attended by the members.







Cervical Cancer Screening programme was done by Dr. Amrita Sarkari Jaipuriar with the help of Lal Pathology at subsidized rate for Menopausal Women on 5th, 6th & 7 October 2021



The Gorakhpur Menopause Society under the leadership of Dr. Reena Srivastava (Patron) and Dr. Surheeta Kareem (President) has decided to have many Menopause Clinics in the city.

The first clinic was inaugurated at Star Hospital, Gorakhpur.

On this occasion the office bearers of Gorakhpur Menopause Society were present. Dr. Reena Srivastava, Dr. Surheeta Kareem,

Dr. Madhubala Sharma, Dr. Amrita Sarkari Jaipuriar, Dr. Meenakshi Gupta and Dr. Geeta Gupta addressed the patients.

Director of The Star Hospital, Dr. Wijahat Kareem congratulated the society for this thought and step. The patients were informed about the importance of regular exercises, diet restrictions and health checkups. Problems of Obesity, Osteoprosis, Osteoarthritis and Genito Urinary Syndrome were addressed.

Patients interacted and asked questions about their health issues.

They were also asking about the timings and dates of the doctors in the clinic. The enthusiasm of the patients reflected the need of many more such clinics in the city.





सोसाइटी ने मेनोपॉब क्लिनिक खोलने का अभियान शरू किया है। सोमवार को स्टार बॉस्पिटल गोरखपर में डा. सुरहिता करीम व सचिव ट अमता जवपरियार ने मेनोपाँज या



शनकारी दी। डाक्टरों ने बताया कि वह अवस्था है, जब मासिक धर्म में इसकी औसत आयु 46 वर्ष है। यह होना. वजन बढना. घबराहर. डिप्रेशन अवस्था आने के बाद महिलाओं में आदि इसके प्रमुख लक्षण हैं। हारीरिक एवं मानसिक बदलाव बहुत तेजी से आते हैं। महिलाएं शारीरिक विलनिक का उद्देश्य महिलाओं में होने रूप से कमबोर हो जाती है। भलने की वाले परिवर्तन के प्रति जागरूक

करना है। इस क्लिनिक में 40 वर्ष के रचित भोजन व्यायाम तथा बौदिक विकास के लिये जानकारी दी जाएगी



### Gorakhpur Menopause Society

The Gorakhpur Menopause Society organised a meeting on the theme,

"Love for Bones"

Date:26th October 2021, Tuesday

Time: 7 PM onwards

Venue: Hotel Clark's Grand

It was attended by approximately 50

doctors.

There were two talks and a panel discussion.

**Topic 1: Secondary Osteoprosis** 

Speaker: Dr. Neeti Dogra

Chairpersons: Dr. Radha Jina

Dr. Geeta Gupta

**Topic2: Treatment Options for Osteoprosis** 

in Menopause

Speaker: Dr. Amrita Sarkari Jaipuriar

Chairpersons: Dr. Babita Shukla

Dr. Reeta Singh

**Panel Discussion:** 

Topic: Bone health in Menopause

Moderator: Dr. Reena Srivastava

Panelists: Dr. Deepti Chaturvedi

Dr. Tanu Verma

Dr. Vikrant Agrawal

Dr. Preeti Bala

Dr. Neeti Dogra

Dr. Chhavi Sarkari

Dr. Garima

This meeting was attended by Gynaecologists in good number and few orthopaedic surgeons and radiologists were also present. It was a great academic feast with brilliant interactions and discussions.









## Gurugram Menopause Society

 Under the Aeges of Dr Ambuja and Dr Sudha sharma, Gurugram menopause society along with Club 35 organised a CME and Camp on BMD, BMI and Zumba 28 October













• CME on recent advances in contraceptions at peri menopause Gurugram menopause society on 23 November







- Wonderful CME by Aesthetic health committee IMS, club 35, and IACDG in association with Gurugram menopause society yesterday
- Congratulations to Dr Ambuja ma'am Dr Sudha Sharma and Dr Ragini Agarwal







### **Guwahati Menopause Society**

- 18 Oct World Menopause Day celebrated in various centres. In Dr Kalicharan Das nursing home, a free BMD camp was organised which was attended by approximately 25-30 patients. Free medicines were distributed.
- Awareness programmes on TV on menopausal health was attended by our senior doctors, Dr Nilakshi Phukan Kumar, Dr Mamta B Sarma and Dr Mridusmita Das.
- 12 nov -A cervical cancer screening programme was conducted in Gauhati Medical College under IMS.
- Regular OPD 's are conducted in ESIC hospital in the Menopausal clinic set up there.

## Hyderabad Menopause Society

#### **OCTOBER-**

- Hyderabad Menopause Society conducted many awareness programs .
- Dr. Prabhavati, Dr. Lakshmi Ratna, Dr Jamuna Devi. Dr. Sandhya deekshi and Dr. Tripura sundari conducted various Menopause awareness programs.
- ATTENDED by many medical and non medical perimenopausal and menopausal women. Awareness programe at kims atteded by morethan 450 prople.
- "Let's Talk Menopause" is an awareness session hosted by Yashoda Hospitals in association with Hyderabad Menopause Society on October 27th from 4pm to 6pm in the Secunderabad favor at the Auditorium on the 9th floor. Our eminent experts will discuss and share valuable insights on the Menopause Dynamic and its management.

#### **NOVEMBER-**

- Dr. Tripura Sundari attended srilanka, SAFOMS conference.
- Delivered lecture on HEALTHY MENTAL AGING. Dr. Ambuja spoke on EPIGENITICS OF AGING.



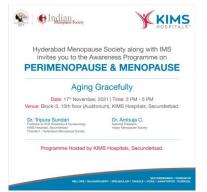














## Hyderabad Menopause Society



#### CME on Menopause

5 minute recap of 5 phases of women's life.

On 30 Oct 2021, From 1 PM to 4 PM (lunch followed by CME)

Speakers

Dr.Ambuja - National President Indian Menopause society

Dr.Tripura - State President of Hyderabad Menopause society

Dr.Laxmi Ratna - General secretary IMS

Dr. Jayanthi - Director J S Hospital, Vanasthalipuram

Dr.Sadhvi - Director Vijaya Hospital, Dilsukhnagar

Dr. Karthik - Consultant Orthopaedic Surgeon, Pragma hospital

venue: Vamsi Pragma Hospital, Hyderabad. 5-4-1691, P.No, 4, Sushma Sai Nagar, Beside Sub Registrar Office, Vanasthalipuram,

For Assistance Call: 8886573439 (K.Srinivas)











# Club 35 plus & Hyderabad Menopause Society in Collaboration with FPAI

#### Dr. C. Ambuja President, FPAI

Indian Menopause Society

Dr. Tripura Sundari

President Hyderabad Menopause Society















#### GARBA EVES - SHE TALKS

Date : 5th Oct 2021

Venue : Hotel Gulzar Tower, Nagpur Road Jabalpur

Topic: : Garba Mahotsava with She Talks

Summary: Garba Festival organized by Jabalpur Menopause Society on the occasion of Navratri for JMS & Club 35+ members. On this occasion, a speech was given by the doctors on She Talks. Club 35+ members performed dandiyas along with doctors. The program ended with all the tea and snacks.

Aprox 100 members participated.



#### TRIBUTE TO CORONA WARRIORS

Date : 7th Oct 2021

Venue : Prajapati Brhmakumaries Bhawan

opic : Tribute to Corona Warriors -Pitra Moksha Amavasya Celebration

Summary: Jabalpur Menopause Society association with Ishwariya Prjapati Brhmakumaries pays tribute to the deceased on the occasion of Pitramox Amavasya.

On Pitramoksh Amavasya its time to remember those who left us for heaven, we organized a prayer meeting in Brahmakumari Ashram done meditation and pray for their peaceful life ahead

In this occasion B Bhawna Behan ji, Dr Prof. Shashi Khare, Dr Pushpa Pandey, Dr Pragya Dhirawani, Nisha Sahu, Dr Richa Baharani, IMA President Dr Deepak Sahu & Dr Nidhi Jain were present





पितृ मोक्ष अमावस्या में दी कोरोना मृतकों को श्रद्धांजलि





### MENOPAUSE DAY CELEBRATION JABALPUR HOSPITAL & RESEARCH CENTRE

Date : 18th Oct 2021

Venue : Jabalpur Hospital & Research Centre
Topic : Menopause Day Celebration

Summary: Jabalpur Hospital and Research Center organised a public education program on The occasion of world Menopause Day on 18th oct 2021 in the premises of the hospital for the women present including thr staff and Patients. It was attended by around 30 people and the entire department of Obgyn participated.

Dr Pragya Dhirawani spoke on the general awareness about the women's health Menopause

Dr Sangeeta Shrivastava spoke about bone health in particular DR RIcha baharani spoke about Mental health in Menopause

DR Richa baharani spoke about Mental health in M Dr Archana Shrivastava delivered vote of thanks

Dr Priya duggal, dr Richa Chaturvedi, Dr Richa Dhirawani attended the meeting









#### MENOPAUSE DAY CELEBRATION

awareness programme at their hospital for Paramedical Nursing stop. She explained about common signs and symptoms and three stages of

Dr Manik Panse



### MENOPAUSE DAY CELEBRATION MANNULAL TRUST HOSPITAL. DIXITPURA





Dr Sulekha Dewani has Conducted Awareness programme

MJT Hospital Menopause n Bone Health, Carcinomas in Menopausal

age group

61









### CME ON RH ISOMMUNISATION

Date : 20th Oct 2021

Venue :Hotel Gulzar Tower

Topic : CME on RH Isommunisation

Summary : It is important to keep ourselves updated academically there is an update on Rh isoimmunitation and fetal exchange transfusion, .complex topic is very well explained by Dr Neena Shrivastava and Dr Shubhall Sharma. That was a very interactive session, .so many doubts were cleared. This CME was attended by 50 doctors which included gynecologist, paedetricians and and pathologist







### PUBLIC AWARENESS PROGRAMME EK KADAM CANCER SE BACHY KI AUR

Date : 23rd Oct 2021

Venue :Brahmakumaries Bhawan, Napier Town

Topic : Public Awareness – Ek Kadam Cancer se Bachav ki Aur

Summary : Cancer awareness programme at Bramkumari ashram on 23 /10/21

Dr preexisting spoke on breast Cancer, Dr Archana srivastava spoke endometrial Cancer

Dr sonal Shani spoke Cancer cervix its prevention, screening and treatment

Dr shamiji Rawat spoke on the other cancers life style management and role of exercise and

meditation in Cancer

Programme attended by 50 males and females of jabalpur









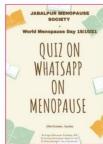


#### SLOGAN & ESSAY COMPETITION

Date : 24<sup>th</sup> Oct 2021

Topic : Slogan & Essay Competition

Summary: Slogan and Essay Competition was organized by Jabalpur Menopause Society, Slogan & Essay competition topic was Menopause (English or Hindl). In which most of the doctors took part. Result will be declared on 27th Nov. 2021 programme.









#### **DIWALI CELEBRATION**

Topic : Diwali Celebration

Summary: Before Diwali as everyone of us in the mood of festival so we organized a Rangoli Competition and traditional dress up at IMA hall Dr Deepti Gupta got first prize in this and lots of games and music party were enjoyed. Programmme replicate our mood of festival and each one of us enjoyed. Diwall celebration by members enlightens of diyas and get together.



#### **CANCER AWARENESS PROGRAMME**

Topic

: Jabalpur Menopause Society President Dr Pragya Dhirawani organized Cancer Awareness programme for Gujrati Mandal, Jabalpur on the occasion of Diwali. Dr Richa Dhirawani given talk on prevention of various types of Cancer.







#### AGING GRACEFULLY - HEALTH AWARENESS

: 27th Nov. 2021

Topic : Aging Gracefully - Health Awareness Programme

Summary : Jabalpur Menopause Society in association with CLUB 35+ arranged a wellness programme for woman; "Aging Gracefully on 27.11.2021".

The Speaker Dr Parimal Swamy gave a elaborated & detailed talk on Aspiring Antiaging a dream or dreams and explained beautifully On Life Style Modifications, Controlling the weight BMI and other aging problems, instrument fasting etc.

Dr Sulekha Tayede from Wardha also explained & encourage woman about healthy lifestyle.

Rangoli competition was also there and wad judged by Dr Sangeeta Shrivastava & Dr

The winners were awarded lst, lind, & lilrd prizes and also given certificates to all participants

1st prize - Dr Dipika Diwani, 2nd prize - Dr Sulekha Diwani & 3rd Prize - Dr Ankita Upadhyay

The programme was followed by Music and high tea



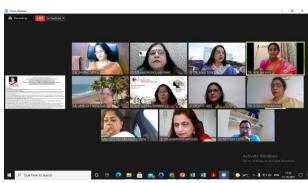














### Jammu Menopause Society







Dr. Ambuja Choranur



Dr. Sudha Sharma ecretary general Indian menopause society



Dr. Sushma Baxi Chairman fertility and aging committee IMS





Dr. Anil Mehta President Jammu Menapause Society Prof. and HOD 080 BMC Kethua



Dr. Krishna Mantravadi Scientific director oasis centre for reproductive medicine Hydrabad

Dr. Krishna

Dr. Shivani Gaur -



Dr. Shivani S. Gaur



Chairperson sexua committee FOGSI



Member fertility and aging committee IMS



Dr. Pallavi Sharma

20 minutes -

management 20 minutes - ART in 40+

- 20 minutes - Sexual problems in 40 + females Dr. Niraj Jadav

Advanced paternal age and fertility

CLIRNET App Store













## Jammu Menopause Society

- Faculty of Gynae GMC Kathua organized a Menopause awareness program with patients above 45.
- Dietitian Deepshikha emphasized on diet in menopause and special instructions to take care of bones especially Today on 20th of Nov 2021 a seminar was conducted on menopause and its management at GMC kathua dept of obs and Gynae under the aegis of Indian Menopause Society.
- Seminar was attended by faculty of Gynae GMC kathua and presentation was made by Dr Kritika Resident in Gynae. Under the patronage of Jammu Menopause society and under the ages of Indian Menopause society GMC Kathua organised a seminar on menopause and its management on 20.11.2021.
- The seminar was attended by a faculty of obstetrics and Gynae . Resentation was done by Dr Kritika resident in Gynae at GMC Kathua.













### **Kanpur Menopause Society**

#### Occasion of World Menopause Day

- We are pleased to inform that KMS conducted free health camp for 35+ females.
- They were made aware of various menopausal symptoms and signs.
- Special emphasis was given on healthy lifestyle, diet
- and exercise. Attendees benefitted-50.

#### Occasion of World Osteoporosis Day

- DATE OF THE ACTIVITY: 20 October 2021
- MEDIA ACTIVITY :

### K News Channel by Dr Kiran Pandey 91.1 FM by Dr A K Aggarwal

- NAME OF THE ACTIVITY: Heath Awareness
- ACTIVITIES DONE : Educational
- TYPE OF THE ACTIVITY: Awareness and Screening **Programmes**
- PHOTOGRAPHS OF THE PROGRAMME
- DATE OF THE ACTIVITY: 22 October 2021
- VENUE OF THE ACTIVITY: CHC, Kalyanpur, Kanpur
- NAME OF THE ACTIVITY: Health Awareness Camp for Bone Health on Work Osteoporosis Day
- ACTIVITIES DONE :

Lecture by Dr. Kiran Pandey free BMD Scan- 70 females

- TYPE OF THE ACTIVITY: Awareness and Screening **Programmes**
- BENEFICIARIES: 70 perimenopausal and postmenopausal females
- NUMBER OF BENEFICIERIES: 70

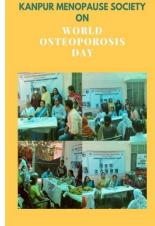
#### PROGRAMME CO-ORDINATOR: Dr Kiran Pandev, Dr Garima Gupta

- PROGRAMME CO CO-ORDINATORS: Dr Pavika Lal, Dr Divya Tripathi, Dr Bandana Sharma
- PHOTOGRAPHS OF THE PROGRAMME









### Kanpur Menopause Society

### Occasion of World Osteoporosis Day

- DATE OF THE ACTIVITY: 20 October 2021
- VENUE OF THE ACTIVITY: Satya Hospital
- NAME OF THE ACTIVITY: Health Awareness Camp –
- for Bone Health on Work Osteoporosis Day
- ACTIVITIES DONE :free BMD
- TYPE OF THE ACTIVITY: free cosultation and Screening Programmes
- BENEFICIARIES: 79 perimenopausal and postmenopausal females
- NUMBER OF BENEFICIERIES: 79

PROGRAMME CO-ORDINATOR: Dr Kiran Pandey, Dr Garima Gupta

- PROGRAMME CO CO-ORDINATORS: Dr Pavika Lal, Dr Divya Tripathi, Dr Bandana Sharma
- PHOTOGRAPHS OF THE PROGRAMME

- DATE OF THE ACTIVITY: 22 October 2021
- VENUE OF THE ACTIVITY: manas medical centre saket nagar kanpur
- NAME OF THE ACTIVITY: Health Awareness Camp
- ACTIVITIES DONE : free consultation
- TYPE OF THE ACTIVITY: free consultation and Screening Program
- BENEFICIARIES: 20 perimenopausal and postmenopausal females
- NUMBER OF BENEFICIERIES: 20

PROGRAMME CO-ORDINATOR: Dr Kiran Pandey, Dr Garima Gupta

- PROGRAMME CO CO-ORDINATORS: Dr Pavika Lal, Dr Divya Tripathi, Dr Bandana Sharma
- PHOTOGRAPHS OF THE PROGRAMME





### Kanpur Menopause Society









विशेषज्ञ डॉ. मीरा अग्निहोत्री ने मंगलवार को साफ किया कि महिलाओं में रजोनिवृत्ति के बाद अवसाद, तनाव, चिड़चिड़ापन और हॉट फ्लैशेस के लक्षण हावी हो जाते हैं पर इसका मतलब यह नहीं है कि महिलाएं अपने को कमजोर समझने लगें। ऐसे समय में भावुकता भी ज्यादा सामने आने लगती है। इसका इलाज ध्यान और योगा से किया जा सकता है। महिलाओं को लेडी डॉक्टर से

डॉ. अग्निहोत्री कानपुर मेनोपॉज सोसाइटी, इंडियन मेनोपॉज सोसाइटी के सहयोग से मानसिक स्वास्थ्य सेमिनार में बोल रही थीं। जीएसवीएम मेडिकल कॉलेज के गायनी विभाग की हेड प्रो. किरन पांडेय ने कहा कि रजोनिवृति से मानसिक तनाव बढ़ रहा है। डॉ.गरिमा गुप्ता, डॉ. शैली अग्रवाल, डॉ.पविका लाल, डॉ. दिव्या द्विवेदी भी रहीं। डॉ. आलोक बाजपेई ने भी टिप्स दिए।



## Kolkata Menopause Society

- Kolkata Menopause Society organised a BMD camp on 27th Nov 2021 at MAGS MEDICAL & RESEARCH CENTER, AG 112, Salt Lake, Sec II, Kolkata 700091 under the supervision of Dr Ratnabali Chakravorty.
- Total 25 women (age varying from 25- 48 years) attend the camp. 1 women was found osteoporotic & 10 women were osteopenic. Medicine was prescribed.











- Kolkata menopause society celebrate World Menopause Day on 31.10.2021 on virtual platform. Chief guest was Dr. Choranur Ambuja & Guest of Honour was Dr. K.D.Bakshi, past president, Kolkata Menopause Society. Dr Jayanta Kumar Gupta, President, Kolkata menopause society spike on GSM - role of estriol. Next was a panel discussion on - HRT - where we stand today.
- The panel was moderated by Dr Ratnabali Chakraborty and panelists were Shaikh Zinnat Ara Nasreen of Bangladesh, Dr Sudhaa Sharma, and Dr Jyoti Jaiswal.







## Lucknow Menopause Society

- Lucknow Menopause Society celebrated World Menopause Day and World Osteoporosis Day by organizing a webinar on Bone Health, Osteoporosis, and Menopause. The webinar was organized under the aegis of Indian Menopause Society, on the 20th of October, 2021, from 04.30 pm to 06.00 pm on zoom.
- The Secretary of Lucknow Menopause Society, Dr Asna Ashraf, commenced the programme by welcoming the dignitaries and inviting the President of Lucknow Menopause Society, Dr Yashodhara Pradeep for the Welcome address. Dr Yashodhara Pradeep welcomed and introduced the Chief Guest.
- The President of the Indian Menopause Society, Dr Ambuja Choranur was the Chief Guest for the occasion. Dr Reena Srivastava, Founder President of Gorakhpur Menopause Society was the Guest of Honour.
- The scientific programme consisted of two talks on the theme of Bone Health. The chairpersons for the day were Dr H.P. Gupta, Retd. Prof. KGMU, Dr Yashodhara Pradeep, and Dr Urmila Singh, Retd. Prof. KGMU, Lucknow.
- The first talk was by Dr Sudha Sharma, Secretary-General of Indian Menopause Society, on 'Osteoporosis and POI'. It was a very comprehensive talk and covered Postmenopausal Osteoporosis and Premature Ovarian Insufficiency and its treatment, focusing on hormone therapy.
- The topic of the second talk was 'Preventing the first fracture', and the speaker was a lady orthopedic surgeon, Dr Binoti Sheth, Prof & Unit Head, Dept. of Orthopedics, LTMMC, Sion, Mumbai.
- Both the talks were very informative and were followed by an extensive discussion on the treatment of osteoporosis. The programme was conducted by Dr Sangeeta Mehrotra, Jt. Sec. Lucknow Menopause Society and Dr Amrit Gupta, Treasurer of Lucknow Menopause Society gave the vote of thanks.
- There were 60 attendees.













#### Ludhiana Menopause Society

#### World Menopause Day Celebrated on 18<sup>th</sup> October 2021 4 to 6 pm

- Virtual Event on Osteoporosis
- Chief Guests: Dr. Ambuja
   Choranur
- Guests Of Honour: Dr Sudhaa Sharma, Dr Iqbal Singh Ahuja
- Topic Osteoporosis
- Risk factors, Screening and Diagnosis of Osteoporosis
- Speaker Dr. Geetanjali Kaur
- Management of Osteoporosis Dr Ashima Taneja



Virtual Event – on 23<sup>rd</sup> May 4 to 6 pm Under the aegis of Ludhiana Menopause Society

**Topic: Uterovaginal Prolapse** 

Chief Guest: Dr Iqbal Singh Ahuja

POPQ Classification& Nulliparous Prolapse – Dr Zeenie Girn Management of Genital and Uterine Prolapse – Dr Lily Varghese

Virtual Event By Ludhiana Menopause Society 0n 25<sup>th</sup> April 2021

Chief Guest: Dr Maninder Singh Ahuja

Topic: Yoga And Health

#### **Nagpur Menopause Society**

### World Menopause Day was celebrated by Menopause

- Society Nagpur, with a CME (on 20 October) followed by garba, it was well attended by Doctors as well asClub 35 members.
- Dr Kshama Kedar talked on postmenopausal osteoporosis. Dr Geetika Patni Mohta spoke on Cosmetic DermatologyThis was followed by garba as a part of Navratri
- · Celebration, and there was an overwhelmingly
- Enthusiastic participation by all.
- Walkathon was held on 10 October for Breast Cancer
- Awareness, along with Nagpur obs and gyn society with

#### CME and Diwali Milan was held on

#### 9 November 2021

- Dr Arti Wanjari spoke on genitourinary syndrome
- Dr Shrikant Nimbhorkar spoke on Sleep Disturbances in Menopause
- Dr Malvika Phulwani spoke on Diet post Diwali
- A Diwali celebration with games and traditional Diwali sweets was held
- Which was much appreciated by all, including our Club 35 members.











#### Patiala Menopause Society

## BREAST CANCER AWARENESS MONTH CELEBRATIONS On 25.10.2021 under aegis of IMS

- Under the patronage of honourable Chairman Sh. Tarsem garg respected principal, vice principal, M.S, CEO sir under aegis of Indian Menopausal Society, A breast cancer clinic was inaugurated in MM superspeciality building with the purpose to aid early diagnosis of breast cancers in women. A total of 104 medical, paramedical staff, women of 20 years & above were shown an audiovisual video on awareness for breast cancer & breast self examination on the eve of breast cancer awareness month celebrations.
- Dr.Ruby Bhatia (prof & HOD, Department of OBG ,MMIMSR) inaugurated the event as chief guest.
- Dr. Subash Chawla (prof. & HOD, Department of surgery ,MMIMSR, superspeciality appraised methods of preventing breast cancer.
- Welcome address- Mamta (General manager operation Superspeciality)
- Talk on:-
  - Inaugaratuion speech : Dr. Chawla(consultant MIS, MMIMSR)
  - Screeening& diagnosis of breast cancer: Dr. Dr.Ruby Bhatia (prof & HOD, Department of OBG, MMIMSR)
  - Benign breast diseases Dr.P.K.Bhatia (HOD department of surgery, MMIMSR)
  - Breast reconstruction surgery Dr.Manmohan singh (Consultant plastic Department of surgery, MMIMSR)
  - Vote of thanks Dr. Himangi (SR department of surgery, MMIMSR)
- Conveyor-Dr.Bhavika Kalthe (Resident Department of OBGY)









## Patiala Menopause Society

#### Under Varisht Mahila Swasth Karykram.

- Dr. Ruby Bhatia prof & HOD deptt Obs & Gynae MMIMSR organized monthly Varisht Mahilla Swasth Shivir, under the patronage of honourable Chairman Sh. Tarsem garg respected principal, vice principal sir, M.S sir, CEO sir & under aegis of Indian Menopausal Society, for women 40 years and above on 17/11/2021. Gynae checkup, Pap Smear screening, BMI, Breast examination, Hb, RBS was done. A total of 30 women were examined. 10 patients were Obese or over weight, 8 patient had fibroid uterus, 3 patients had utero vaginal prolapse, 5 patients had abnormal uterine bleed, 3 patient had vaginitis, 1 patient were PCOS.
- Talk on:-
  - A. Women's health: Dr. Amit mittal(vice principal, MMIMSR)
  - B. Gynecological disorder at Menopause: Dr. Ruby Bhatia Prof & HOD OBG.
  - C. Elimination of cervical cancer: Dr. A.S. Dhillon
  - D. Awareness of cervical cancer, pap smear screening, : Dr. Tajinder kaur
  - E. Prize distribution ceremony (Inter department) for events of breast feeding week august 2020 & liver dysfunction CME competition

















#### Patna Menopause Society

#### 19-10-2021World Osteoporosis Day 2021 at Renu maternity center

- Free health check up including height weight BP and BMD ---- was done to celebrate World Osteoporosis Day at Renu Maternity center Patna on 19-10-2021 by Dr Nibha Mohan Secretary, Patna menopause society
- About 56 pts were examined. 50 pts were osteopenic 2 were Osteoporotic and 4 were normal --- one 77 year old lady had T-score -1







20-10-2021 Bone health awareness program by PMS and Global Orthopedic forum at Women's College Patna

- Patna menopause society along with Global Orthopaedic Forum organised Bone Health awareness program on World Osteoporosis Day at Women's College Patna on 20-10-2021.
- Awareness talks were given by Dr Kusum Gopal Kapoor, Dr Usha Didwania Dr Nibha Mohan and Orthopaedic Surgeons -- Dr Amulya Kumar Singh Dr Apoorwa Sinha and Dr Ramit Gunjan. Well attended by senior faculties of PWC and approx 100 students. Quarries of students were well answered. Free BMD test was done. Very satisfying Bone Health Awareness program









#### 22-10\_2021 Jagrukta abhiyan on World Osteoporosis day

• Patna menopause society and global orthopaedic forum at akshat seva sadan on 22..10.21.well attended by more than 100 people .deputy chief minister of Bihar Shrimati Renu Devi was the chief guest.problems of menopause and osteoporosis was discussed.







#### Patna Menopause Society

#### 31-10-2021 Awareness program at Sadbhawna clinic

A Menopause awareness camp was done at Sadbhavana Clinic Bihta, Patna on 30.10.21. A talk was given on Care of Bones and Breast at Perimenopause . Importance of calcium , Vit D and exercise was addressed in details . About 20-25 women were presents . Self Breast examination was demonstrated and it's role in early diagnosis of Breast cancer was also emphasised . A few questions on exercise in rural setting were asked by women, which were answered satisfactorily





#### World Diabetes Day13-11-2021--Awarness program PMS Sadbhawna clinic

 An awareness program on World diabetes day was organised at Sadbhavana Clinic Bihta, Patna by PATNA Menopause Society on 14.11.21. Dr Neelam gave a talk to the women, mostly from rural background, regarding menopause and diabetes. About 20-25 women and their attendants were present and felt updated on health issues.



#### Awareness program on 26-11-2021 Iron deficiency day--PMS at Sadbhaavna clinic

• An awareness program was organised at Sadbhavana Clinic, Bihta (40 Km away from Patna), Patna, on Iron deficiency Day 26.11.21 to make women aware of the effects of anaemia at all ages. A detailed talk on causes and effects of iron deficiency anaemia was given by Dr Neelam, Vice President, Patna Menopause Society. A free Hb camp was also organised and iron tablets were also given to those diagnosed with anaemia. Total 15-20 women participated in the program including one adolescent girl who quite eagerly asked questions about how to prevent it. 10 women were motivated to get their Hb % done after which they happily showed and compared the results.





#### Patna Menopause Society

#### 26-11-2021 -- Anemia mukti muhim on International iron deficiency day

Patna menopause society celebrated iron deficiency day by flagging off the APPLE VAN for Anaemia Mukti Muhim. Apple meaning Anaemia Prevention Programme Leading to its Eradication. This van was flagged from Nalanda Medical College campus on 26.11.21. It will travel to various cities of Bihar state like Arrah Buxar Paali Naubatpur Darbanga Chaapra Siwan and Gopalganj. distributing pamphlets in Hindi about causes and prevention of anaemia. It also has facilities of Hb estimation and will distribute iron folic acid tablets and sanitary pads







#### Inspirational course on 03-10-2021

PMS organized an inspirational course on 03-10 -2021Swami Niranjanananda Saraswati from Bihsr school of Yoga Munger delivered very useful talk







#### Rajkot Menopause Society

- As we celebrate world menopause day and world osteoporosis day in october.
- Rajkot menopause society along with rotary greater club organized an unique menopausal health check up . Around 200 women were registered.
- 1st step BMI, Height / weight, abdo. Circumference, hand grip check
- 2nd step detailed history, BP, RBS, P/S, P/V, TVS, Breast examination were done
- 3rd step- Risk assessment were checked, gail chart for breast cancer, WHO/ISH for cardiac disease, OSTA score for osteoporosis, SARC F for sacropenia, Indian diabetic risk score for diabetes risk were used.
- All women who were at higher risk were conselled according.
- 4th step- medicines routine calcium D3 and multivitamins were supplied by pharma companies.
- 5th step- we also had one table for dietitian and one table for physiotherapy where needy pts were treated.
- All patients were truely obliged to see a team of dedicated doctors serving then selflessly
- We are thankful to our president Dr. Ami mehta for this wonderful idea and heartful thanks to all my colleagues and friends.



# 

Comprehensive chart for grading and Skeletomuscular Health	g the health status bas	ed on tools for invasiv	e breast cancer, CVD
Tool	Points	Risk	Advice
Invasive Breast Cancer Gail			
WHO / ISH			
OSTA / SCORE / FRAX			
SARC - F			
Indian Diabetic Risk Score			
certify that I have explained th treatment procedure. I have also questions. I believe that the pati and answered. I give permission	o offered to answer an ent / relative / guardia	y questions and have n has fully understood	fully answered all such
treatment procedure. I have also questions. I believe that the pati	o offered to answer an ent / relative / guardia	y questions and have n has fully understood	fully answered all such
reatment procedure. I have also questions. I believe that the pati	offered to answer an ent / relative / guardia to use this data for pu	y questions and have n has fully understood blication/research.	fully answered all such

#### Rajkot Menopause Society

- On 19/20/21.nov. 2021, we had state level conference at BHUJ.
- Dr. Amiben mehta and Dr. Amitaben shah together moderated a very nice panel discussion of menopause transition
- This was well appreciated by all delegates and faculties present at SOGOG.

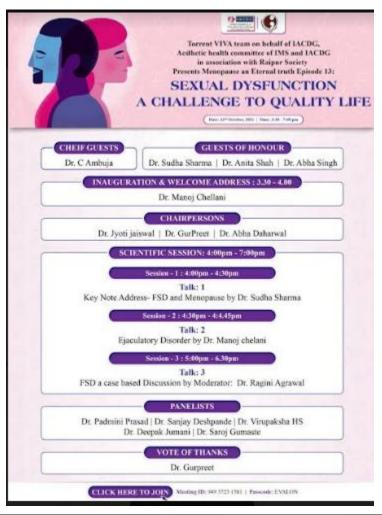




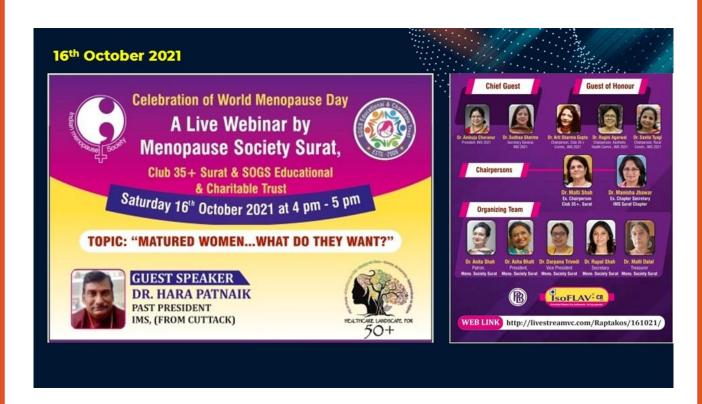


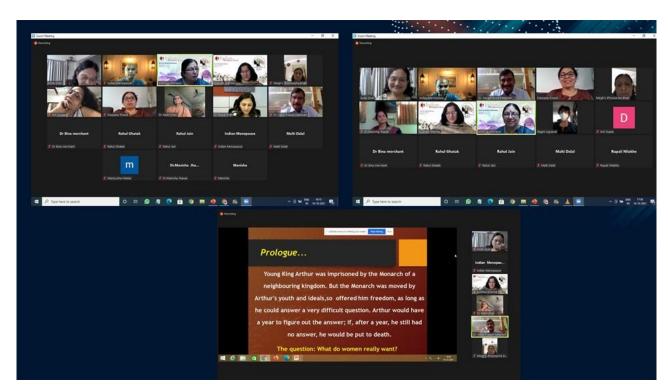
#### Raipur Menopause Society

Aesthetic health committee of IMS and IACDG in association with Raipur Menopause Society conducted a live webinar & a public forum which was attended by more than 100 people on the Topic "Menopause an Eternal truth: SEXUAL DYSFUNCTION A CHALLENGE TO QUALITY LIFE" on 22nd October 2021 at 3:30 pm. Speakers were Dr. Sudha Sharma, Dr. Manoj Chellani & Dr. Ragini Agrawal



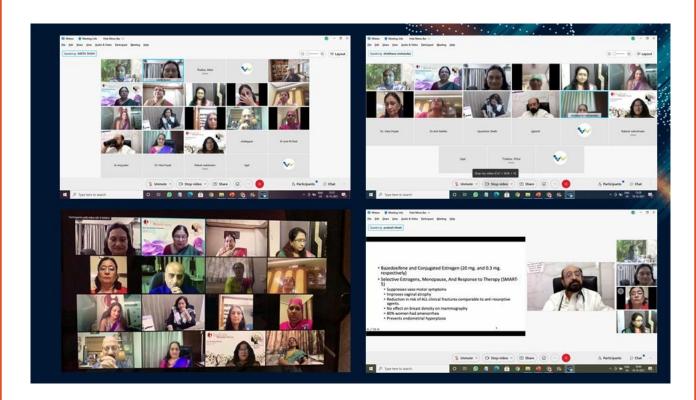


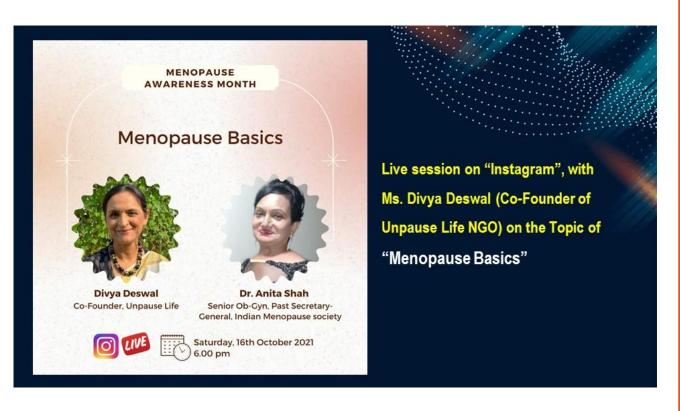


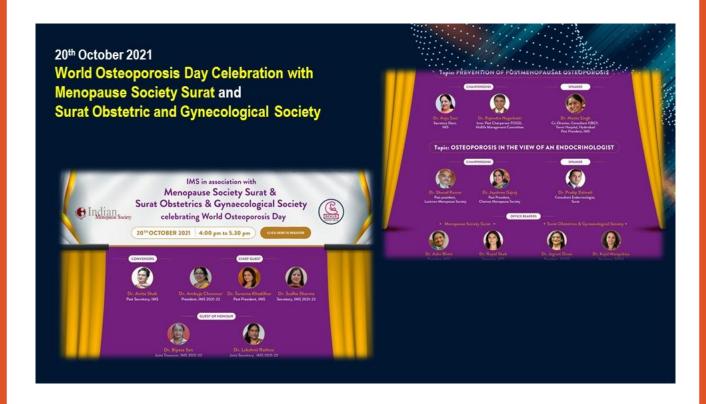


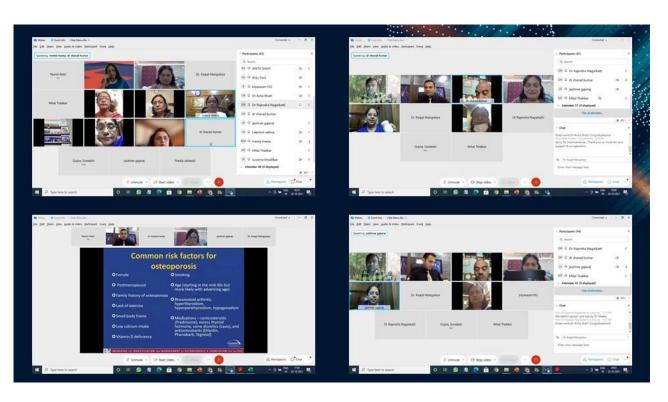


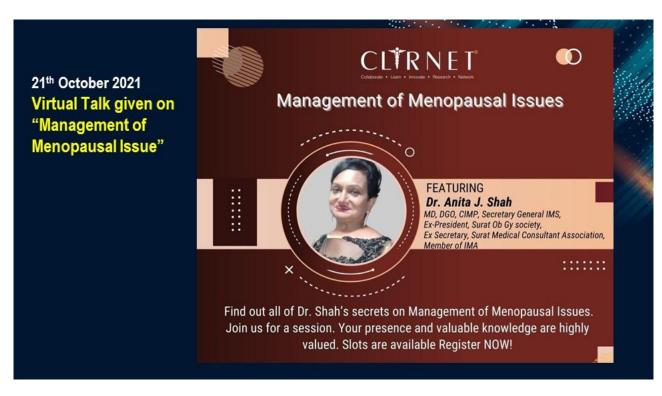


















#### **Udaipur Menopause Society**

#### Awareness program at Army cantt by UMS on 18th October 2021

- Udaipur menopause society conducted an awareness program on World menopause day
  i.e. 18th October at Army cantt Udaipur. Almost 50 ladies have actively participated .Dr
  Kaushal Chundawat, founder president UMS delivered welcome address and gave an
  insight of IMS' awareness activities for midlife women health nation wide.
- Dr Akansha Tripathi delivered an awareness talk for midlife women and Dr Shilpa Rathore talked about Diet and Nutrition. It was a interactive program and Dr Nalini answered the questions from audience. The program was highly appreciated by Army women wellness association. Mrs Soni, the first lady thanked and presented momentos to speakers.
- Few pictures are attached herewith.











#### Vadodara Menopause Society













## 26th National Conference

of Indian Menopause Society Under Aegis of Varanasi Menopause Society

Preventing The Preventable



1<sup>st</sup> 2<sup>nd</sup> & 3<sup>rd</sup> OCTOBER 2021 VARANASI, UP, INDIA

Venue: TAJ GANGES

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The Joy of Aging: Mind Body & Spirit











GCM II























#### **Exchange of Presidential Medals**









#### Varanasi Menopause Society Oration



#### **SAFOMS Session**

















#### Varanasi Menopause Society





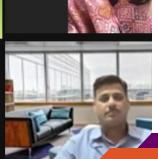














Request to all Presidents & Chapter Secretaries to encourage your Members to visit The IMS Website: <a href="https://www.indianmenopausesociety.org">www.indianmenopausesociety.org</a>

- Please send brief report of your activities with 3-4 good Pics to activityims@gmail.com
- Please send Membership Form and Message regarding Membership to Mail ID
   imsmemberships@gmail.com
- Mail ID for General Communication and Messages to IMS indianmenopausesociety2020@gmail.com
- Mail ID for Any Financial Communication and Messages to IMS Finance Committee indianmenopausesocietyfinances@gmail.com



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