

Seventeenth Annual Conference ISBMR 2021 held on 30/31 October 2021

Venue: Hotel Marigold, Hyderabad

Scientific Report

The 17th National Congress of Indian Society for Bone & Mineral Research (ISBMR-2021) was held on 30th and 31st October, 2021 at Hotel Marigold, Hyderabad. ISBMR 2021 was organized by Endocrine Society of Telangana State Chapter in collaboration with Indian Society for Bone & Mineral Research, New Delhi. In view of the COVID pandemic, the conference was conducted in a hybrid format with a limited physical participation for the safety of the delegates. Many eminent international, national faculty members joined the meeting either physically or virtually. The conference had participation of more than 100 delegates locally and about 600 delegates virtually from all over India.

The program on Day-1 started with an advanced bone imaging workshop conducted with the help of Prof Thomas Paul and Prof Nitin Kapoor from the CMC, Vellore. We had sessions that include topics on overview of DEXA, Podiatric DEXA, and interesting DEXA reports. This was followed up with the role of advanced imaging techniques like HRQCT and TBS in the evaluation of osteoporosis. The faculty for this session includes Prof Sanjay Bhadada, Prof Manju Chandran from Singapore and Prof R Dhaliwal from USA. The international speakers graced the occasion virtually and rest of the national faculty members participated physically.

The work shop was followed by a preliminary round of the quiz for the PG residents conducted by Dr Ameya and Dr Satyavani. The quiz was in the written format for seeking qualifiers to participate in the final round. The final round of quiz was held in the main hall immediately before lunch and there was active participation from all the audience members also in the event. Finally, two teams shared the joint 1st prize and the event finished just in time for the post-lunch session. During the lunch time, the residents presented interesting studies and case reports and the same have been judged as per the pre-specified criteria for the ranking.

Inauguration ceremony was conducted just after the lunch during which many dignitaries from the local organizing team and ISBMR including Brig Satish Kukreja ,

CEO spoke in brief about the activities of the ISBMR. Dr Usha Sriram, President, ISBMR was the chief guest for the inauguration and she gave an educational talk on the role of optimum bone health during pregnancy. We had interesting scientific session thereafter that include topics on vitamin D fortification, basics of bone biology and the role of sclerostin, bone turnover markers, sclerostin. The faculty members include Prof Ganapathi Bantwal, Dr RK Marwaha and Dr Sanjay Kalra. We had the participation of Prof Van Hul Wim virtually speaking about the Sclerostin. This was followed by tea break and next session highlighted the various aspects of osteoporosis including the therapeutic options, sequential therapy and the ISBMR guidelines. The faculty include Dr Ambrish Mithal, Dr Benjamin Leder and Dr Subhash Kukreja and all of them had a virtual presentation with active question and answer session. An interdisciplinary topic was presented by Prof Jubbin Jacob about the links between Thyroid and bone.

This was followed by the prestigious MMS Ahuja Oration session given by Prof DS Rao from USA. The session was chaired by Prof Ambrish Mithal and Prof Bipin Sethi. Dr Rao eluded his research on the hyperparathyroidism and vitamin D deficiency and this was followed by the GBM. The scientific deliberations came to an end and in the evening, we had an entertainment program by an ENT doctor performing as a stand-up comedian. This was followed by Karaoke session with active participation from all the delegates and faculty members.

The program was divided into two halls on Day 2 (31st Oct 2021) and Hall A had the 1st session on the Metabolic bone disease. This was preceded by a talk from Dr Alok Modi about the fitness and skeletal health. A panel discussion was done about the Sarcopenia with Dr Noel Somasundaram and Dr Thomas Paul. The session had talks given by Prof Nikhil Tandon about the skeletal health after gestational diabetes and also emphasizing about the skeletal health in patients with PCOS by Prof MA Ganie. Prof SPS Teotia memorial oration was delivered virtually by Dr N Chattopadhyay which was appreciated by the audience. Platform presentation by residents and faculty members was conducted parallels in both the halls for over an hour with the best 6 papers being presented by the delegates. The session was widely appreciated by all the delegates and had maximum participation by the audience.

Post lunch program on second day include an extensive session about the bone health in diabetes conducted by Prof Shriram Mahadevan, Prof Subhankar Chowdhury and Dr Shashank Joshi. This was followed by a panel discussion including endocrinologist, gynaecologist, nephrologist and paediatrician on all aspects of the metabolic bone disease. Hall B had multiple topics on the paediatric, gynaecologic, nutritional and orthopedic aspects of the metabolic bone disorders with many eminent national and international faculties. The final session in the second hall highlighted the India specific metabolic bone disorders and the research advances in the field.

In the end, the prizes were announced for oral free paper, Quiz and poster presentations and a vote of thanks was delivered by Prof Rakesh Sahay.