

16<sup>th</sup> World Congress on Tissue Engineering, Regenerative Medicine and  
Stem Cell Research

6<sup>th</sup> World Congress on Oncology and Cancer Research

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## **Gold induced Autologous conditioned (GOLDIC) serum therapy in treatment of osteoarthritis of knee**

### **Sharmila Tulpule**

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**Purpose:** To evaluate the safety and efficacy of novel autologous conditioned serum with gold particles, in Grade three and four Knee osteoarthritis cases.

**Method:** About 52 knees were treated with and evaluated for safety and efficacy of GOLDIC therapy. These knees were radiologically proven Gr 3/4 OA and treated with four consecutive intraarticular injections of US guided GOLDIC.

Follow up was done for immediate and delayed adverse reactions.

**Conclusion:** GOLDIC as advanced and novel management of moderate to severe OA knees was found to be very safe and

effective with no SAE.

### **Speaker Biography**

Sharmila Tulpule is one of the rare breed of female Orthopaedic surgeons worldwide and amongst the very few practicing in GCC and UAE. Practicing since the last 25 years, she has a vast experience in orthopedics, arthroscopic surgeries and the latest stem cell and regenerative treatments in orthopedic conditions. She is internationally renowned, an acclaimed and successful orthopaedician in UAE, she is US Board Certified and Diplomate in Regenerative Medicine. She has extensive experience in all the regenerative orthobiologic therapies including PRP, adipose stem cell and SVF therapies, autologous conditioned serum therapy, bone marrow aspirate and the most advanced and successful GOLDIC therapy.

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