



SHALYA
ORTHOPAEDIC HOSPITAL &
JOINT REPLACEMENT CENTRE



**EUROPEAN
ANTERIOR
HIP MEETING**

European Anterior Hip Meeting (EAHM)

Ischial–Obturator Foramen Tape via Direct Anterior Approach for Instability

After Complex Primary Total Hip Arthroplasty: A Novel Salvage Technique

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Introduction / Purpose

- Dislocation after total hip arthroplasty - challenging complication, particularly in complex primary cases with soft tissue insufficiency with smaller sized acetabulum components
- Early instability Despite well-positioned implants and Restored biomechanics, needs revision - constrained liners or dual mobility constructs in view of soft tissue insufficiency but smaller sized implant doesn't allow that.
- Soft tissue augmentation techniques- in revision THA - via posterior approaches. Their role in complex primary THA using the Direct Anterior Approach (DAA) - unexplored.
- Aim- We describe a novel implant-preserving DAA mesh augmentation technique for early instability, preserving well-positioned implants



Method

Study Type

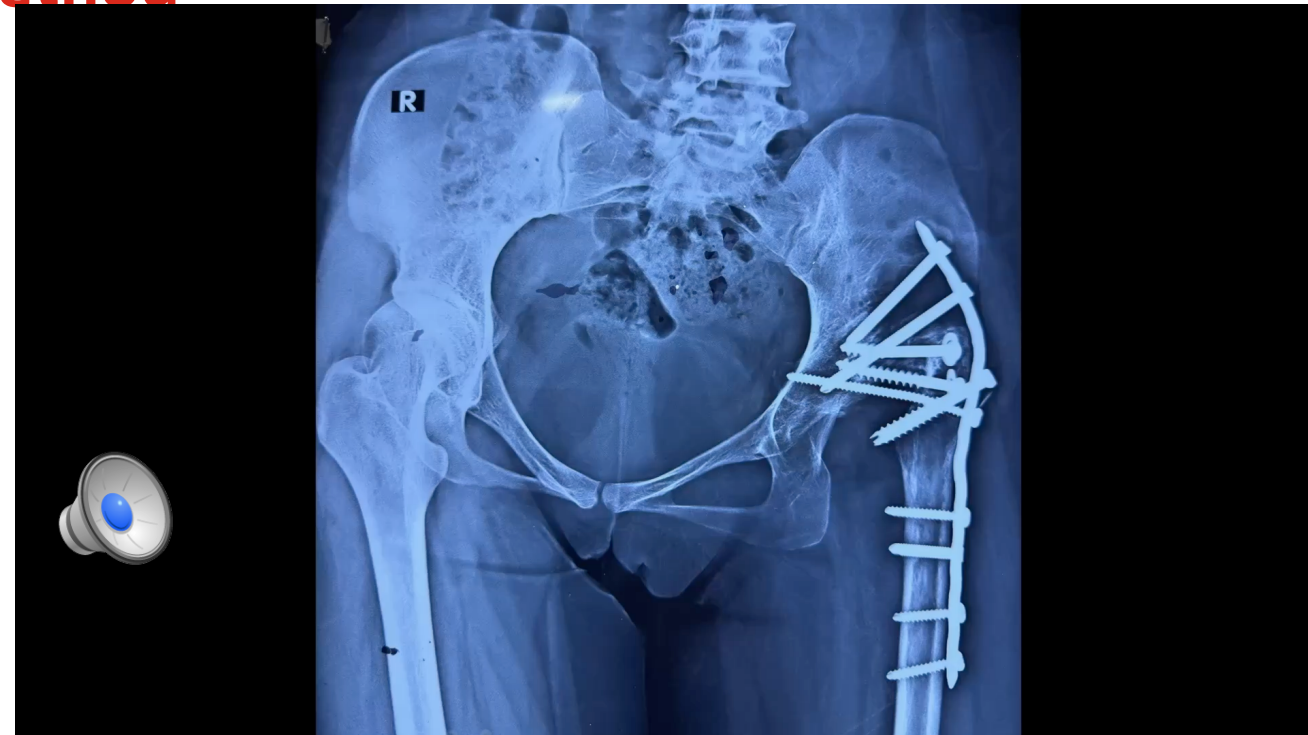
- Case report of a High-Risk patient with early dislocation post Complex primary DAA THA

Assessment

- Radiographic and intraoperative confirmation of satisfactory component positioning

Surgical Technique

- Same DAA interval, Prolene mesh passed around the ischium through Obturator foramen and around femoral stem neck and tensioned-limiting extremes of motion while preserving functional mobility, avoiding component revision.





Results

Post-operative Stability

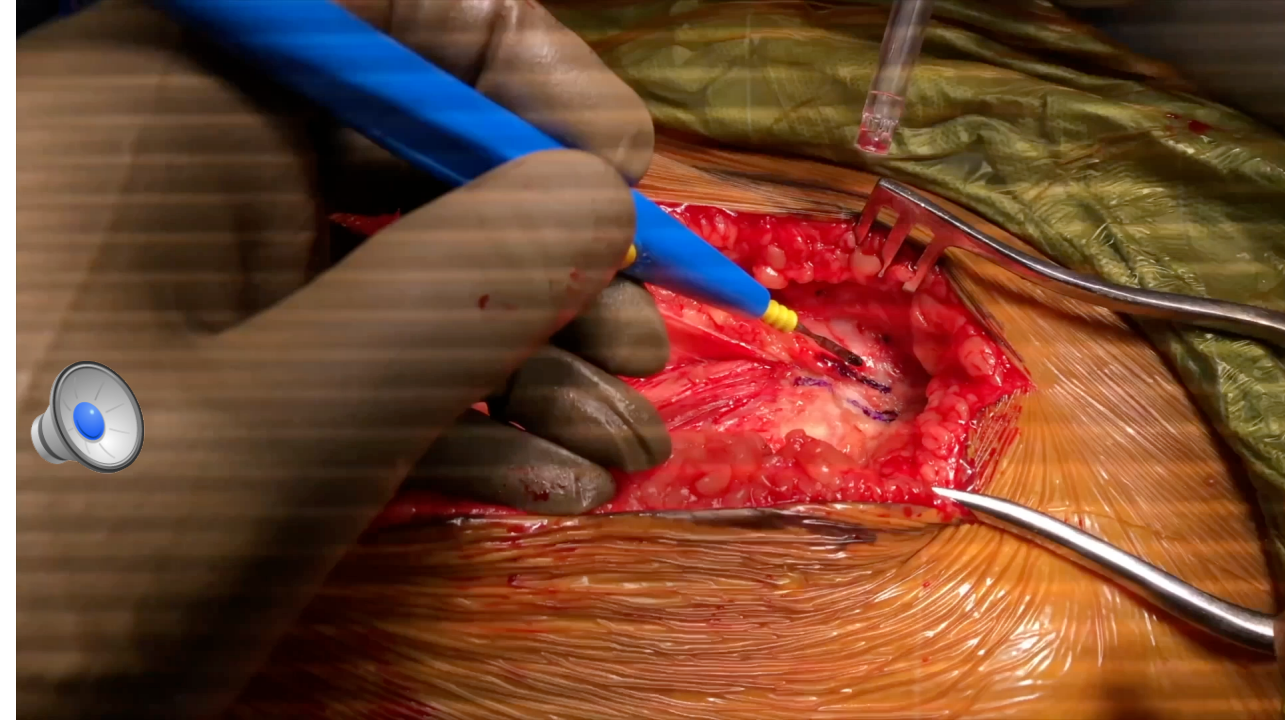
- Stable hip with no further dislocation episodes at follow-up

Functional Recovery

- Satisfactory recovery with restoration of assisted ambulation and acceptable range of motion

Complications

- No mesh-related infection, Neurovascular injury, or local irritation



Conclusion

- Novel and reproducible salvage strategy,
- Preserves well fixed and well-positioned implants
- Addresses instability caused by soft tissue insufficiency.
- May reduce morbidity associated with formal revision surgery.
- **Clinical Implication**
- Highlights DAA versatility beyond primary arthroplasty – minimally invasive alternative to revision surgery in high-risk patients.
- DAA provides versatile access for both primary THA and managing complications. Ischial-Obturator Tape acts as a mechanical checkrein limiting extremes of motion. No mesh-related complications were observed. This technique avoids the morbidity of formal implant revision. Patient selection and surgeon experience with DAA are key.





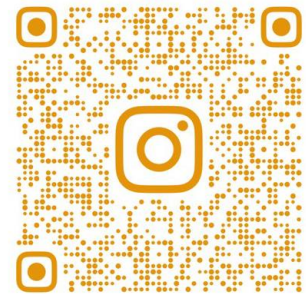
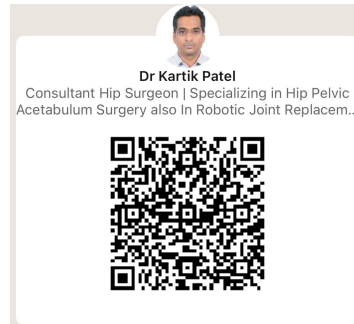
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