**Introduction**

- Internal bone transport using Ilizarov apparatus: once the best method of treatment for the infected nonunion of the lower extremity long bone as a salvage procedure, avoiding amputation
- Summarizing the result of internal bone transport using Ilizarov apparatus, without any combined methods of intramedullary nailing or plating

**Materials and Methods**

- Minimally 5 years follow up
- 13 males
  - 11 tibia shaft
  - 1 proximal tibia
  - 1 femur shaft

**Results**

- Transport length 88.8 mm (42-170)
- External fixation period 378 days(175-601)
- Healing index 1.483(0.991-2.077) M/cm
- Surgery #: 4.2 (2-7)
- Osteogenesis failure → fibular transport 2
- Infection recur by DM : amputation 1
- Joint fusion: ankle fusion 1, knee fusion 1
- Reoperation : osteosynthesis for refracture 2, bone graft(DBM) for weak regenerate 3
- Minor complications: angulation 4, shortening 7, LOM 8
- Excellent result : 2/13

**Conclusions**

- Classic method of internal bone transport using only the Ilizarov apparatus would be the most conservative method compared with lengthening over the nail or plating in view of the risk of infection recurrence, but it requires the best tolerance of the patients in view of the complications and the external fixation period.
- Recently induced membrane method using bone cement would be lessen the need for external fixation but still it should prove the long term safety and indications.
- Internal bone transport using Ilizarov apparatus would be a salvage method for infected nonunion of the long bone, and the surgeon should thoroughly educate the patients of the complications of the surgery as well.