Disclosures:

- Intellectual property in BIL technology and calliper ring (P), licensed to Morcher, Germany
- Consultancy: Ellex
  Zeiss
  Théa

Acknowledgements:

Sorcha Ni Dhubhghaill: fellow anterior segment
**Past:** lassoing the BIL at the sclera

**Risk:** resorption of prolene 10/0 with time?
Bean shaped rings for the fine tuning of the BIL position in cases of loose zonules (JCRS, 2014)

Rock hard cataract with loose zonules
Principle of the bean shaped ring technique for fine tuning the BIL position

How to center the capsular bag/IOL in case of loose zonules
How to center the capsular bag/IOL in case of loose zonules

Based on the white to white, beans of two different diameters can be used:
Position of the beans

- Both beans in the sulcus (37 eyes)

Position of the beans

- Only one bean in the sulcus (9 eyes)
Position of the beans
- Both beans in the capsule (5 eyes)

Position of the beans
- No capsule and both beans in the sulcus + lassoo: (1 eye)
Bean shaped rings in weak zonules

THANK YOU FOR YOUR ATTENTION