Natural history (cases left untreated)

Stéphane Kämpfen

Centre de chirurgie et de thérapie de la main
Genève
The natural history of Kienböck’s disease is not known
The natural history of Kienböck’s disease is not known.

Difficulty of performing a prospective study.
Most studies demonstrate radiographic progression of the disease
• Improvement in symptoms in 63% of nonoperatively treated patients

• Improvement in symptoms in 72%-90 of surgically treated patients

Innes and al., 2010
Operative versus nonoperative

- Delaere and al., 1998  No benefit over nonsurgical treatment
- Salmon and al., 2000  Operation slowed the rate of progression
- Van den Dungen and al., 2006  Better conservative outcome
Reported revascularization and restoration of carpal height with cast immobilization

Luo and Diao, 2006
Longest follow-up ever reported

Meek and Lunn, 2011
Longest follow-up ever reported

Meek and Lunn, 2011