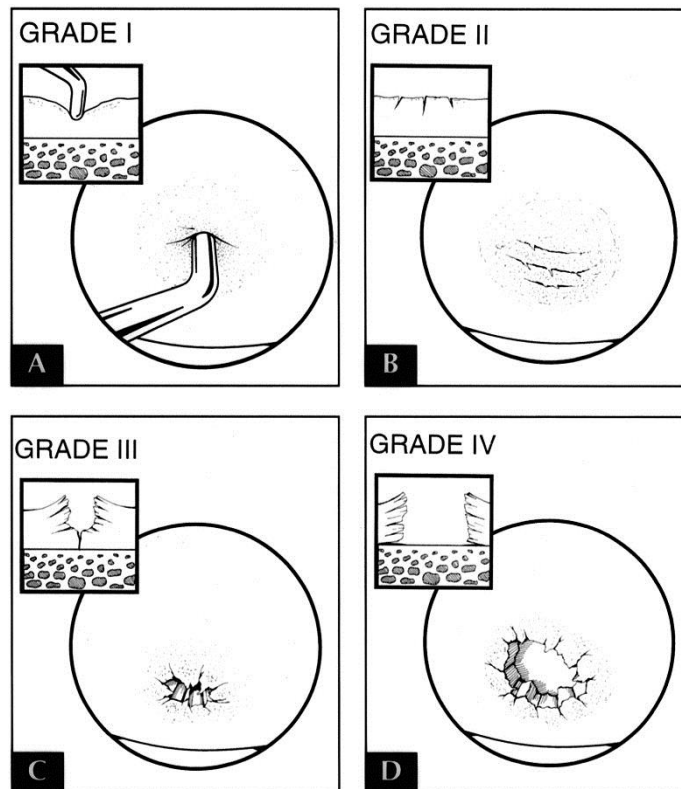


1 Additional file 3. Outerbridge classification for cartilage damage

- 2 • Grade 0: normal cartilage
- 3 • Grade I: cartilage with softening and swelling
- 4 • Grade II: partial-thickness defect with fissures on the surface that do not reach
- 5 subchondral bone or exceed 1.5 cm in diameter
- 6 • Grade III: fissuring to the level of subchondral bone in an area with a diameter
- 7 more than 1.5 cm
- 8 • Grade IV: exposed subchondral bone



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