

Supplementary Information 2. Exclusion criteria.

Title screening

1. No primary study
2. No animal study
3. No bone marrow stimulation performed
4. Osteoarthritis models
5. Ex vivo studies
6. Deceased animals

Title/abstract screening

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Full-text screening

1. No primary study
2. No animal study
3. No 'healthy' animals (*i.e.* arthritis models)
4. No cartilage (*i.e.* bone or other tissue)
5. No articular cartilage (*i.e.* elastic cartilage)
6. Not in the knee or ankle joint (*i.e.* ear, rib)
7. No bone marrow stimulation performed
8. No scaffold implanted
9. No cell-free scaffold implanted
10. No cell-laden scaffold implanted