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**Title:** Knee complaints and prognosis of osteoarthritis at 10 years: impact of ACL ruptures, meniscal tears, genetic predisposition and surgery  
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Knee complaints and prognosis of osteoarthritis at 10 years
Impact of ACL ruptures, Meniscal tears, Genetic predisposition and Surgery

1. A decade after sub-acute knee complaints, knee osteoarthritis is already visible on radiographs and MR imaging in young to middle aged patients. (This thesis)

2. The association between non-mechanical risk factors (i.e. hand osteoarthritis (OA), family history of OA or increased BMI) and the development of knee OA can already be demonstrated in a young to middle aged population. (This thesis)

3. Knee radiographs and MR images combined with assessment of risk factors may be of clinical relevance in identifying high risk patients for knee osteoarthritis development.

4. Patients with anterior cruciate ligament ruptures or meniscal tears have an increased risk of developing joint space narrowing, cartilage lesions, osteophytes, and/or bone marrow lesions. (This thesis)

5. Aberrant mechanical loading and movement patterns may be related to decreased knee function in osteoarthritis patients.

6. An automatic joint space width (JSW) quantification method as accurate as 0.01 to 0.05 mm in detecting JSW decrease can be of clinical use in monitoring progression of osteoarthritis.

7. Differences between surgical and conservative treatment of traumatic meniscal tears after 10 years are associated with activity level before complaints. (This thesis)

8. Randomized controlled trials are needed to elucidate the effect of surgical treatment of traumatic meniscal tears.

9. The presence of risk-alleles of the DIO2 and GDF5 genes are associated with OA development in a young to middle aged study population with knee complaints 10 years earlier. (This thesis)

10. De oorsprong van chronische lage rugpijn zit niet tussen de oren, maar gemiddeld zo’n 22 wervelbreedtes lager; echter het aangrijpingspunt tot herstel door het aanleren van adequate bewegingspatronen bevindt zich wel tussen de oren.

11. In het door mediahypes gedomineerde digitale tijdperk is dit papier een te traag medium voor een actuele politieke stelling.

12. Het winnen van aardgas leidt niet louter tot ‘baten.’