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Safety of orthopedic implants: implant migration analysis a must

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Safety of Orthopedic Implants

Implant Migration Analysis a must

1. Given the better revision risks of RSA-tested Total Knee Arthroplasty (TKA) designs, surgeons should choose such implants for routine use and should be skeptical about novel implant designs that are not tested with RSA. (*this thesis, Chapter II*)
2. Specific serum and urine markers can be used in the future to monitor aseptic loosening of implants. (*this thesis, Chapter III*)
3. Postoperative out-of-range alignment (i.e., varus or valgus) does not increase migration of TKAs for patients with preoperative varus or valgus knee alignment. (*this thesis, Chapter VIII*)
4. To reduce the number of revisions of total knee arthroplasties (TKAs) by 20%, surgeons must use RSA-tested TKAs. (*this thesis, Chapter II*)
5. Meeting patient expectations is of utmost importance in achieving patient satisfaction after primary TKA. (*Bourne et al., CORR, 2010*)
6. The adoption and widespread use of new implants first requires thorough scrutiny by surgeons, regulators, and patients. (*Nieuwenhuijse et al., BMJ, 2014*)
7. Primum non nocere holds also for the introduction of new orthopaedic implants (Hippocrates, Eed van Hippocrates, 275)
8. Data-driven orthopedic implant innovation by network analysis across RSA centres and sharing individual patient data is the way forward.

9. – ي که ده ماچي بيري تواني نه ي سته ده و نه

“Wanneer je iets niet kan veranderen,

is het wijsheid om het te leren accepteren (vrije vertaling)”

- Een levensles van mijn moeder

10. Vaak ben je te bang, soms ben je niet bang genoeg. – *Mijn credo bij beslissingen in mijn carrière en leven.*