

Thumb base surgery

What are your options?



Benefits of joint replacement

- Your thumb is only immobilised for a short time (up to two weeks) so your functional recovery will be quicker
- Less time off work
- Better cosmetic result and patient satisfaction.
- Trapeziectomy can still be performed if the replacement were to fail
- Better restoration of thumb length and mechanics



Jager T, Barbary S, Dap F & Dautel G. Evaluation of postoperative pain and early functional results in the treatment of carpometacarpal joint arthritis. Comparative prospective study of trapeziectomy vs. MAIA® prosthesis in 74 female patients. *Chirurgie de la Main* 2013 32 55-62.
Ulrich-Vinther M, Puggaard H & Lange B. Prospective 1-year follow-up study comparing joint prosthesis with tendon interposition arthroplasty in treatment of trapeziometacarpal osteoarthritis. *Journal of Hand Surgery* 2008 33 1369-1377

Benefits of joint trapeziectomy

- Trapeziectomy has been considered the Gold Standard for decades and is less technically demanding to perform, in some ways
- There is a lower complications rate with trapeziectomy and there is a learning curve associated with joint replacements where complications are slightly higher



Yeoman TFM, Stone O, Jenkins PJ, McEachan JE. The long-term outcome of simple trapeziectomy. *Journal of Hand Surgery (European Volume)*. 2019;44(2):146-150.

Consent:

Risks / Complications of joint replacement

- Up to 93% survival at 10 years
- De Quervain's tenosynovitis: <5%
- Tendon problems: <5%
- Revision surgery: <5%
- Dislocation, fracture, infection: <2%