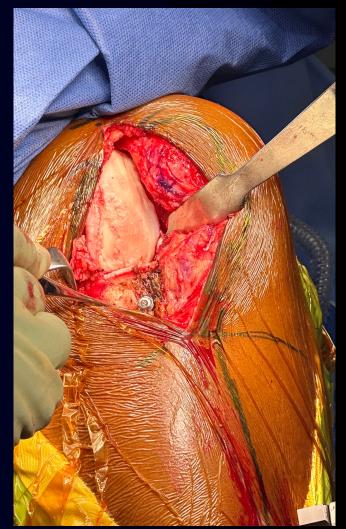
10th Advanced Course on Knee Surgery

Lateral UKA

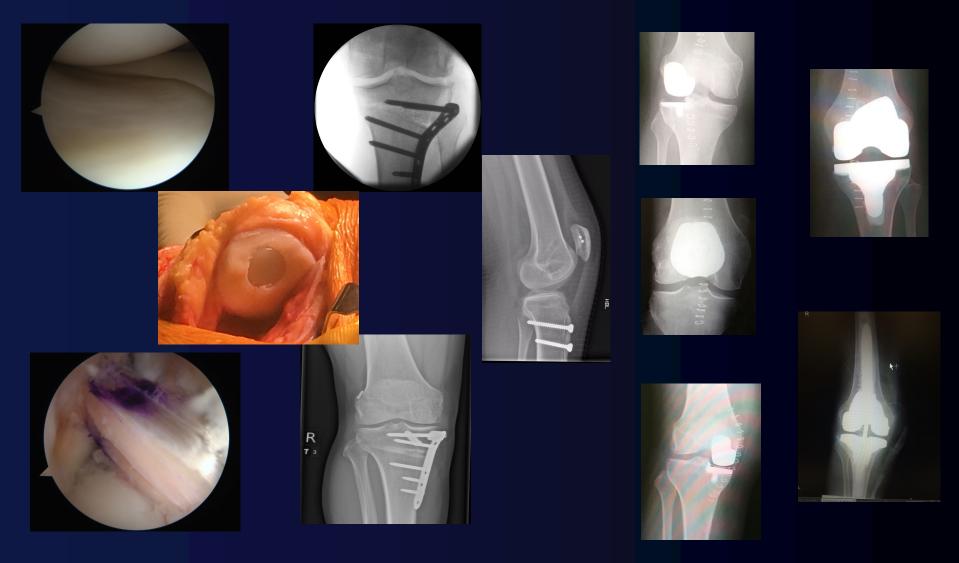
My best patients

Sam Oussedik

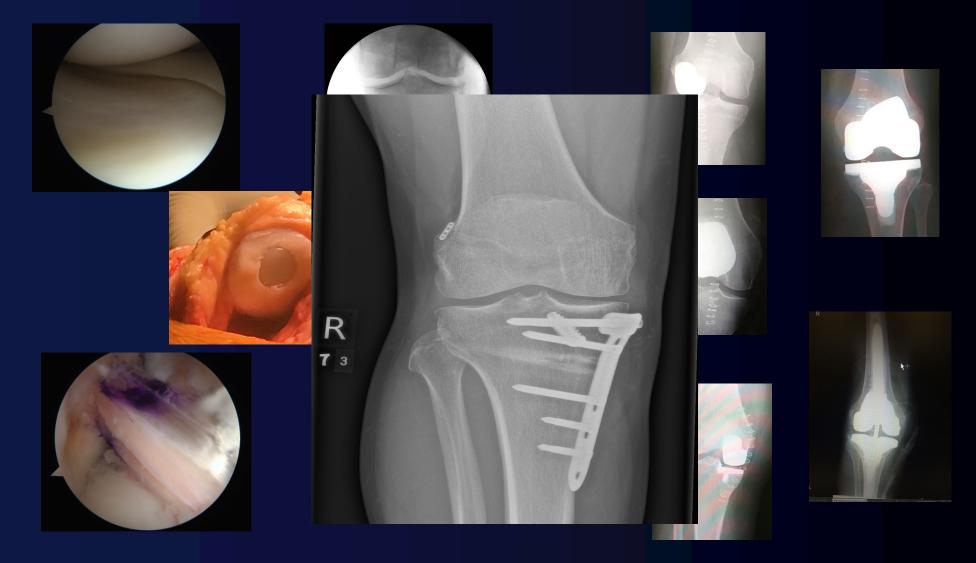
Consultant Orthopaedic Surgeon, Head of Dept, UCLH, London, UK Hon Assoc Prof, UCL



Knee Surgery



Knee Surgery



Indications:

- Isolated lateral disease
- Correctable deformity
- Competent MCL/ACL
- (More functionally demanding patient)





74 yo female

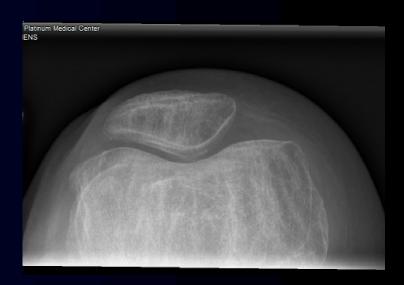
Previous bad experience following Left THR elsewhere

Isolated left lateral knee pain



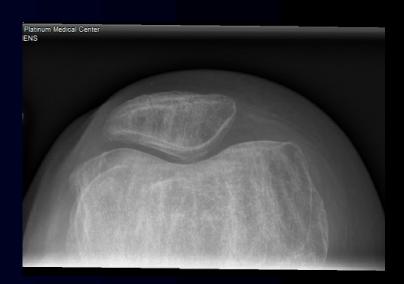






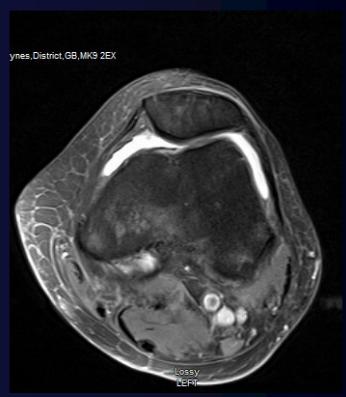






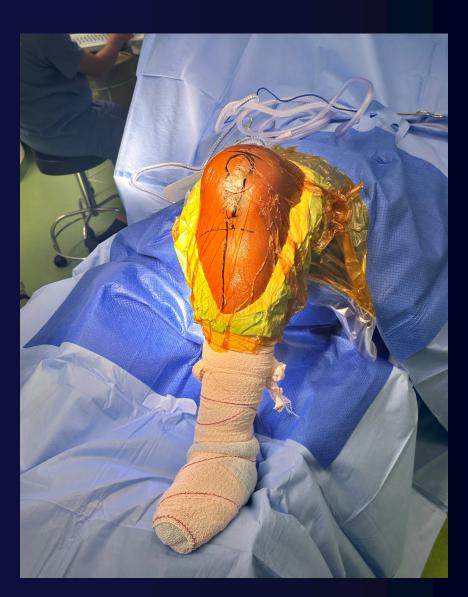


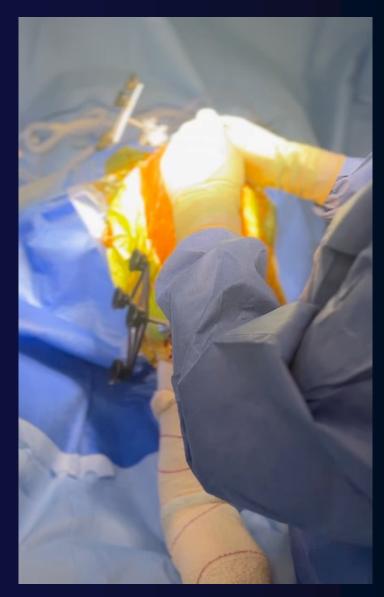


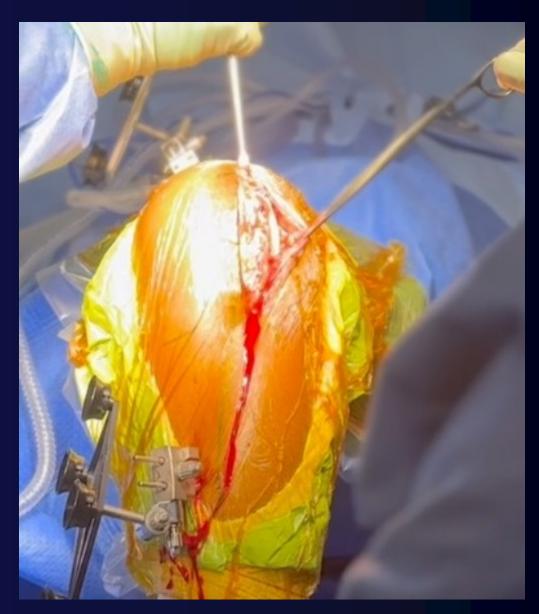


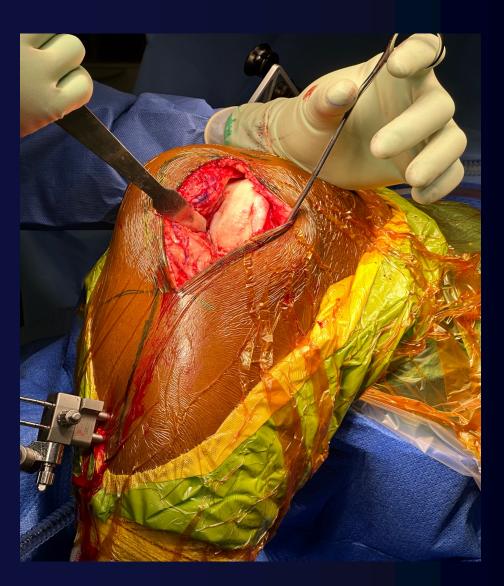


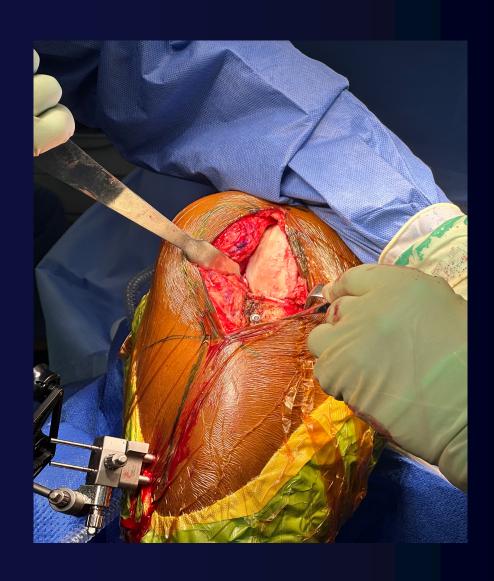


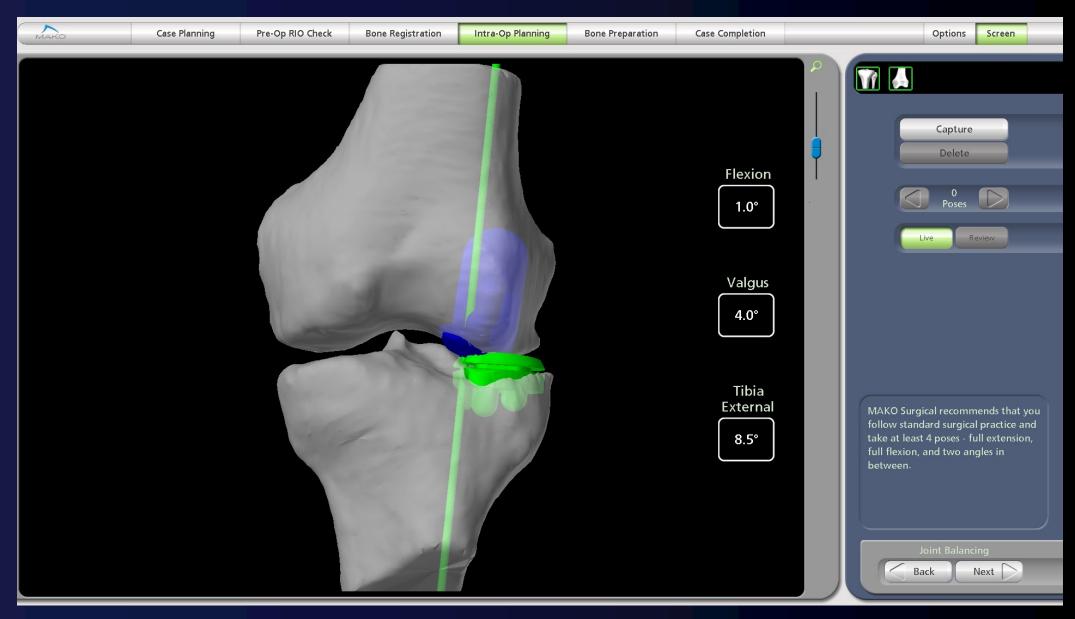


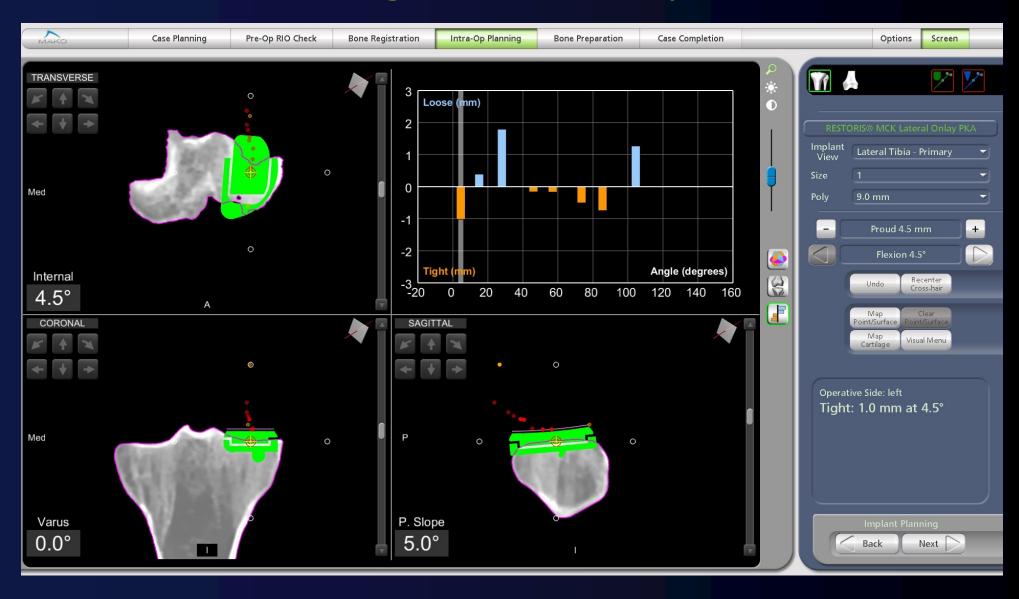


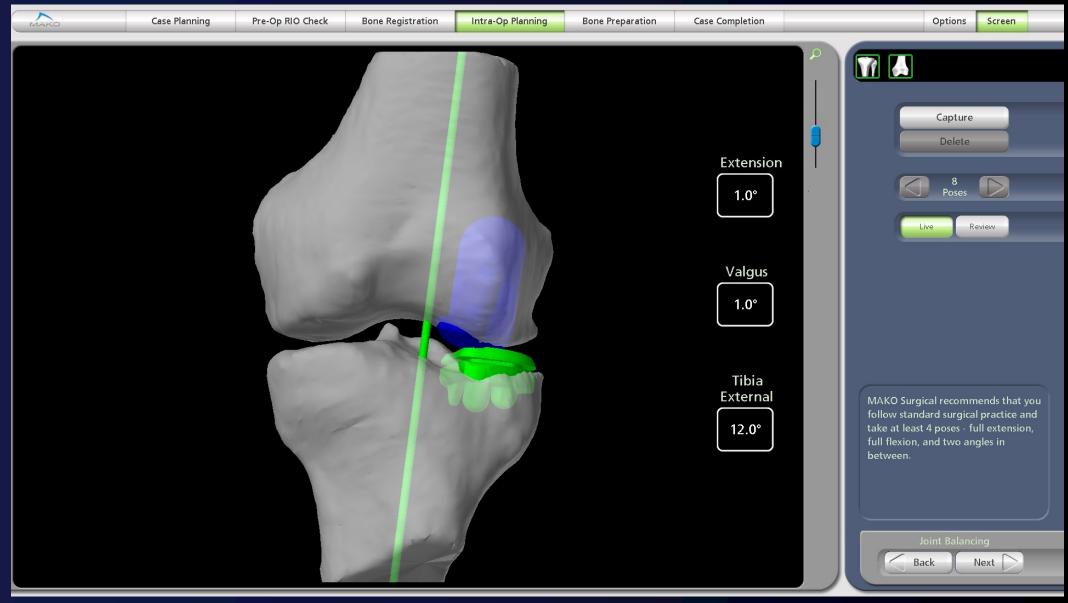




















18 days later...





Original Research

Fixed-Bearing Unicompartmental Knee Arthroplasty of the Lateral Compartment: A Series of 246 Cases

Michael Fitzsimons, MCh ^{a, *}, Johan van der Stok, PhD ^a, Joseph M. Queally, MD ^a, Turlough O'Donnell, MD ^{a, b}

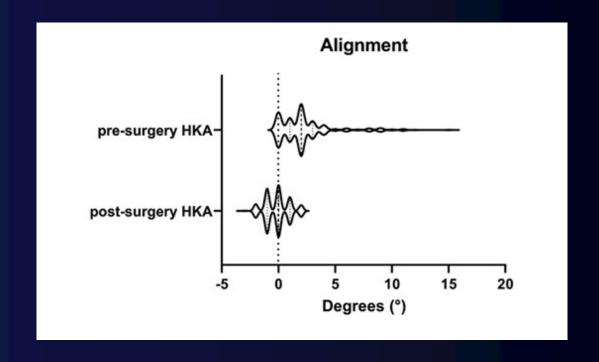
Arthroplasty Today 23 (2023) 101183

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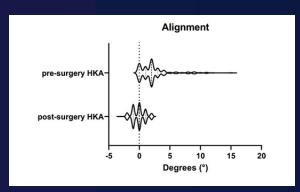


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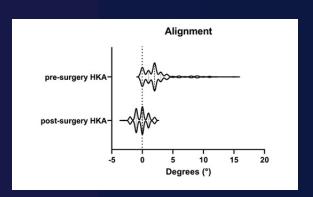
	(n = 255)
Follow-up (y)	6.6 ± 2.2 (range 2-10.8)
Lost to follow-up	4% (n = 9)
Implant revision rate	1.6% (n=4)
PJI 16% revision for Progression 6% revision Instability Reoperation rate Partial meniod any 6.6 y Complication rate	1
Complication rate	17.6% (n = 43)
Stiffness	38
Wound dehiscence	3
Neurapraxia	1
Intraoperative fracture of lateral femora	l condyle 1
-	

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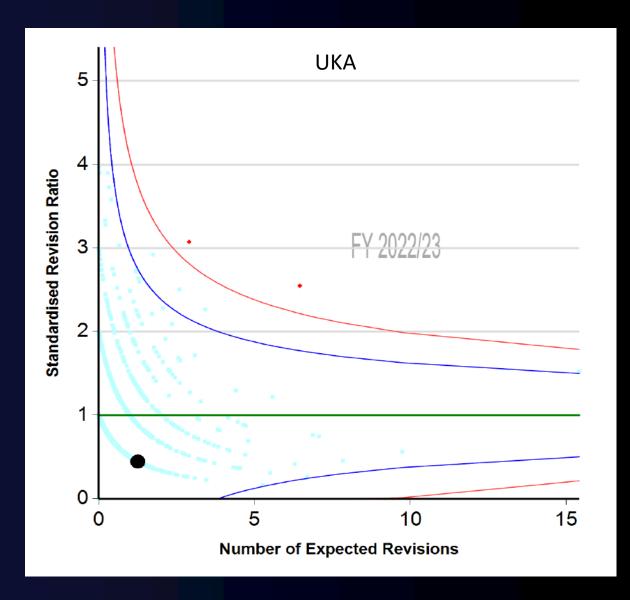
	(n = 255)
Follow-up (y)	6.6 ± 2.2 (range 2-10.8)
Lost to follow-up	4% (n = 9)
Implant revision rate	1.6% (n=4)
PJI	1
Progression OA	2
Instability	1
Reoperation rate	2% (n = 5)
Partial meniscectomy	5
Complication rate	17.6% (n = 43)
Stiffness	38
Wound dehiscence	3
Neurapraxia	1
Intraoperative fracture of lateral femoral condyle	1

WOMAC score.

Presurgery (n = 255) 6 wk (n = 255) 6 mo (n = 255) Final (n = 242) P-value WOMAC - pain would regard 24 presurgery (n = 255) (n = 242) (n = 242)

Friedmann test with Dunn's correction.

- Personal UKA survivorship from NJR
- Fewer than half the expected revisions



Conclusion

- Lateral UKA a viable option in isolated lateral disease
- Avoids problems of altering lateral joint line
- Avoid over-correction
- Insufficient literature to provide robust evidence in favour or against
- For the right indications, does result in happy patients!



Thank you



sam@samoussedik.com