

## Clinical Case Study ELIZ & OSIQ

**Patient Age & Sex:** 44 years, Male

**Case:** The patient's previous anterior cruciate ligament (ACL) reconstruction had failed and they therefore required revision ACL reconstruction which would be undertaken in two stages. Stage 1 was to remove the old screws and ACL remnant and fill the remaining holes in the bone with synthetic bone graft substitutes (KYERON BV).

**Procedure:** The femoral screw was removed via small arthrotomy leaving bone cavity behind. This cavity was filled using 2.5cc OSIQ® paste. The tibial screw was removed which also left a bone cavity. This cavity was filled with 5cc of ELIZ® Granules (1-4mm). The wounds were then closed.

**Clinical Follow-up:** The patient was seen in clinic at 6 weeks and 3 months where x-rays were taken to observe the state of boney defects. The 2<sup>nd</sup> stage revision ACL reconstruction was performed on 19<sup>th</sup> March 2013.



**Figure 1:** X-rays of the knee - anterior-posterior and lateral views one day after stage 1 of the surgical procedure (5.12.2012).

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**Figure 2: X-rays of the knee - anterior-posterior and lateral views 6 weeks after stage 1 of the surgical procedure (21.01.2013).**



**Figure 3: X-rays of the knee - anterior-posterior and lateral views 3 months after stage 1 of the surgical procedure (04.03.2013).**

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Figure 4: X-rays of the knee - anterior-posterior and lateral views 15 weeks after stage 1 of the surgical procedure (19.03.2013).



Figure 5: X-rays of the knee - anterior-posterior and lateral views day 1 post stage 2 of the surgical revision procedure (20.03.2013).

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**Figure 6: X-rays of the knee - anterior-posterior and lateral views 1 month post stage 2 of the surgical revision procedure (29.04.2013).**

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