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## Case presentations of the Integral Leg Prosthesis (ILP): achievements and pitfalls

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### Methods

This osseointegrated technique involves two surgical steps and a following rehabilitation process where the patient has to learn how to mobilize and walk again freely with the bone-guided implant. In between 01/1999 and 01/2013 altogether 95 patients were treated with the ILP by two surgeons located in Lübeck, Germany and Sydney, Australia. We present special cases.

### Results

To this point we performed the ILP procedure on 88 trans-femoral and 7 trans-tibial amputees. Special challenges include implant failure, fractures, particular bone conditions and amputation levels, missing osseointegration and bilateral supplies. These challenges impose the need to constantly re-evaluate patient's situations and build up a close relationship with them to have positive and satisfying results that meet reasonable expectations.

### Discussion

Amputation and following rehabilitation always has a deep and life-changing impact on the affected individual and each situation has to be understood and dealt with as being a unique story, which involves unique people. Given the more than 100 patients provided with the ILP worldwide it by now seems admissible to describe some procedures as rather standard while others stand out in regards to different aspects of patient's physical, psychological, social or work-related conditions. Their clinical and follow-up stories that are linked to experiencing an ILP are inevitable to be told to think about and learn from them.

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