



## ASX/MEDIA RELEASE

### ASDM RECEIVES PIVOTAL US PATENT ON HIP PROSTHESIS DESIGN

**Wednesday, 21<sup>st</sup> May 2008:** Leading Australian developer and manufacturer of prosthetic implants and medical devices, Advanced Surgical Design and Manufacture Limited (ASX: AMT) announces that it has received notification from its US Patent attorneys that it has been granted, on May 13th, 2008, US Patent Number 7,371,261 B2 for its innovative hip cup design, for use in hip replacement surgery.

This is in addition to US Patent Number 6,712,857, granted in 2000 and also relating to the features of this innovative hip cup. ASDM's generation of IP in the field of medical device design is ongoing and represents a key aspect of ASDM's business plan. ASDM licenses and commercialises its IP. The Hip Replacement Market is measured in the billions of dollars worldwide.

The ASDM hip cup design has the following innovative features:

1. Flexibility in placement and orientation of the hip cup into the patient's bone.
2. Excellent peripheral loading of the bone encouraging excellent bone response and eliminating unfavourable apical loading.
3. The polyethylene liner is separated from the back of the implanted cup by a metal shell to eliminate polyethylene wear particles accessing this interface to the bone – which is a major source of hip cup failure.

These features are seen by the management of ASDM as a significant advance in hip arthroplasty and contribute to ASDM's leadership in the field of orthopaedics.

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## **ABOUT ADVANCED SURGICAL**

Advanced Surgical designs and manufactures medical devices. Its principal product is the Active Knee, a prosthetic implant of which more than 3,000 have been implanted including 600+ in 2007. This product is supported by a range of Orthopaedic accessories and surgical tools and other Orthopaedic products.

Advanced Surgical provides a highly effective integrated service to surgeons building on its strengths in design and engineering. Core capabilities that underpin this service are integrated design and engineering, regulatory/compliance competency, manufacturing, distribution and customer service.

The company has built an extensive patent and product development portfolio through collaborative research relationships with universities, companies and surgeon inventors that extends beyond orthopaedics. These collaborations are yielding promising projects in several specialities with strong prospects for commercialisation over the next few years.

**For more information, please visit [www.asdm.com.au](http://www.asdm.com.au)**