Aesculap Orthopaedics
OrthoPilot®

HipSuite™ – THA Pro / THAplus Module
Aesculap Orthopaedics hip implants stand for reliability. The state of the art design and proven Plasmapore® coating offer excellent primary and secondary stability in cementless and cemented applications. Metal and polyethylene are materials used for articulation and provide long term stability.
The Clinical Objective: 
Stability and Function of the Joint

In addition to the implant stability, which is a requirement of total hip replacement, the success of the hip joint reconstruction depends on the correct positioning of the implants and on achieving the correct leg length. OrthoPilot® THA assists the surgeon in positioning the acetabular and femoral components in a way that the leg length, offset and range of motion are determined prior to final joint implantation.

The Navigation System: 
OrthoPilot® THA

The OrthoPilot® THA is an advanced version of the acetabular navigation system that has been in clinical use since 2001 in more than 10,000 cases worldwide. OrthoPilot® represents an image-free system that is intuitive and integrated in a standardized, time saving procedure.

The Surgeon: 
Customization for Every User

The OrthoPilot® THA user has the choice of several workflows that have been specifically developed for certain implants, surgical techniques, special instruments, and different philosophies of implant navigation. The software is configured according to the preference of the individual user. OrthoPilot® THA will be configured uniquely for every surgeon.
HipSuite™ THA Pro
Professional Navigation Fully Featured

The OrthoPilot® Navigation System THA Pro module provides maximum functionality and is the core of OrthoPilot® HipSuite™. Using the OrthoPilot®, the results of implantation can be simulated before the final components are implanted. This is achieved by navigating the leg length difference, offset and version of the stem implant, range of motion and cup position.

OrthoPilot THA improves implant positioning even when visualization is reduced, as with less invasive procedures.
The OrthoPilot® Navigation System THAplus module provides full functionality without the use of a femoral pin. With the use of OrthoPilot®, the cup position, leg length difference and offset of the stem implant can be simulated without attaching an invasive reference marker to the femur. The initial anatomic condition is recorded by attaching a reference marker to the pelvis prior to the dislocation and resection of the femoral head. Results can be checked during stem preparation or after stem implantation with the joint either reduced or dislocated.