

Informed consent for HSR Thomas P. Gross MD

Updated January 2010

Dr. Gross has now performed over 2000 Hip Surface Replacement (HSR) procedures over the last 10 years. Most failures occur during the first 6 months of the healing period. However, there is a slow rate of failure that occurs over time. Therefore the overall failure rate increases for a group of patients as the length of follow-up increases. At 8 years after surgery approximately 94% are still functioning. Longer-term data is not available. Not all complications lead to failure. Below is a complete list of major complications (not just failures) of the most recent patients operated on by Dr. Gross. These 807 uncemented HSR were done between March 2007 and December 2009.

Complications of Hip Surface Replacements at :

| | 3 months n=704 | 1 year n=430 | 2 years n=157 |
|--------------------------------|-------------------|-----------------|------------------|
| 1. Femoral neck Fractures : | 0.7% | 0.9% | 1.3% |
| 2. Loose Femoral component: | 0 | 0.5% | 0.6% |
| 3. Loose Acetabular Component: | 0.1% | 0.2% | 0 |
| 4. Dislocation: | 0 | 0.3% | 0.6% |
| 5. Infection: | 0.4% | 0.2% | 0 |
| 6. Pulmonary embolus: | 0.1% | 0 | 0 |
| 7. Deep Vein Thrombosis: | 0.1% | 0 | 0 |
| 8. Nerve Injury (foot drop): | 0 | 0 | 0 |
| 9. Deaths: | 0 | 0 | 0 |
| TOTAL Complicaton rate: | 1.3% | 2.1% | 2.5% |
| TOTAL Revision Rate: | 0.8% | 1.6% | 1.9% |

Two other complications occurred in this group of 807 patients:

- 1 GI bleed
- 1 C.difficile colitis (antibiotic associated diarrhea)

Past results do not guarantee future complication rates. Although the above represent the most common complications associated with this procedure, others could also occur. We continue to strive to make improvements, and hope that these complication rates can be further decreased as we gain even more experience. If you have any questions about the above information, please don't hesitate to ask. Dr. Gross is the operating surgeon (No trainee will perform your operation).

I have reviewed the above and understand the risks involved with this operation. I would like Dr. Thomas Gross to perform Hip Surface Replacement on me.

Patient signature

Date

Witness

Date