

## Arthroplasty Unit

Joint Replacement Surgeries			
Year	2008	2009	2010
Total	574	770	1026



- Computer navigated Joint Replacement with BrainLab Vector vision
- Four Ultra clean operating rooms for joint replacements
- Digital alignment Xrays for planning & templating
- MRI and CT based patient specific instrumentation
- High performance bearing joint replacements

*“ The purpose of modern medicine is to not only make people live longer, but also younger....”*

## Arthroplasty Team



Left to Right: Dr. N. Rajkumar, Dr. S. Rajasekaran, Dr. P. Dhanasekara Raja, Dr. Oommen Mathew

The Arthroplasty unit has grown rapidly performing 1026 joint replacement surgeries in 2010 compared to a mere 56 joint replacements in 1996. The Unit has two consultants Dr S Rajasekaran and Dr Dhanasekara Raja, Senior Registrars Dr N Rajkumar and Dr Oommen Mathew.

The unit has exclusive ultra clean operating rooms which coupled with strict aseptic techniques and highly trained professionals allow achievement of good results of international standards. Computer navigated joint replacement surgery is routinely performed for both difficult primary and revision surgeries to obtain perfect alignment consistently. The good results obtained have made it possible for us to provide 'Ganga Joint for Life Assurance Programme' – an insurance coverage for our joint replacement patients.

Joint Replacement Surgeries			
Years	2008	2009	2010
Primary Total Knee	436	607	781
Revision Total Knee	9	16	24
Primary Total Hip	120	130	198
Revision Total Hip	9	13	18
Shoulder and elbow	1	4	5
Total	575	770	1026

The unit has adopted all recent advances to give the best functional results to the patients. High flexion knees with rotating platforms, joints with newer bearing surfaces like ceramic on ceramic and modular hips with larger heads are all performed routinely in appropriate patients to achieve the best functional results.