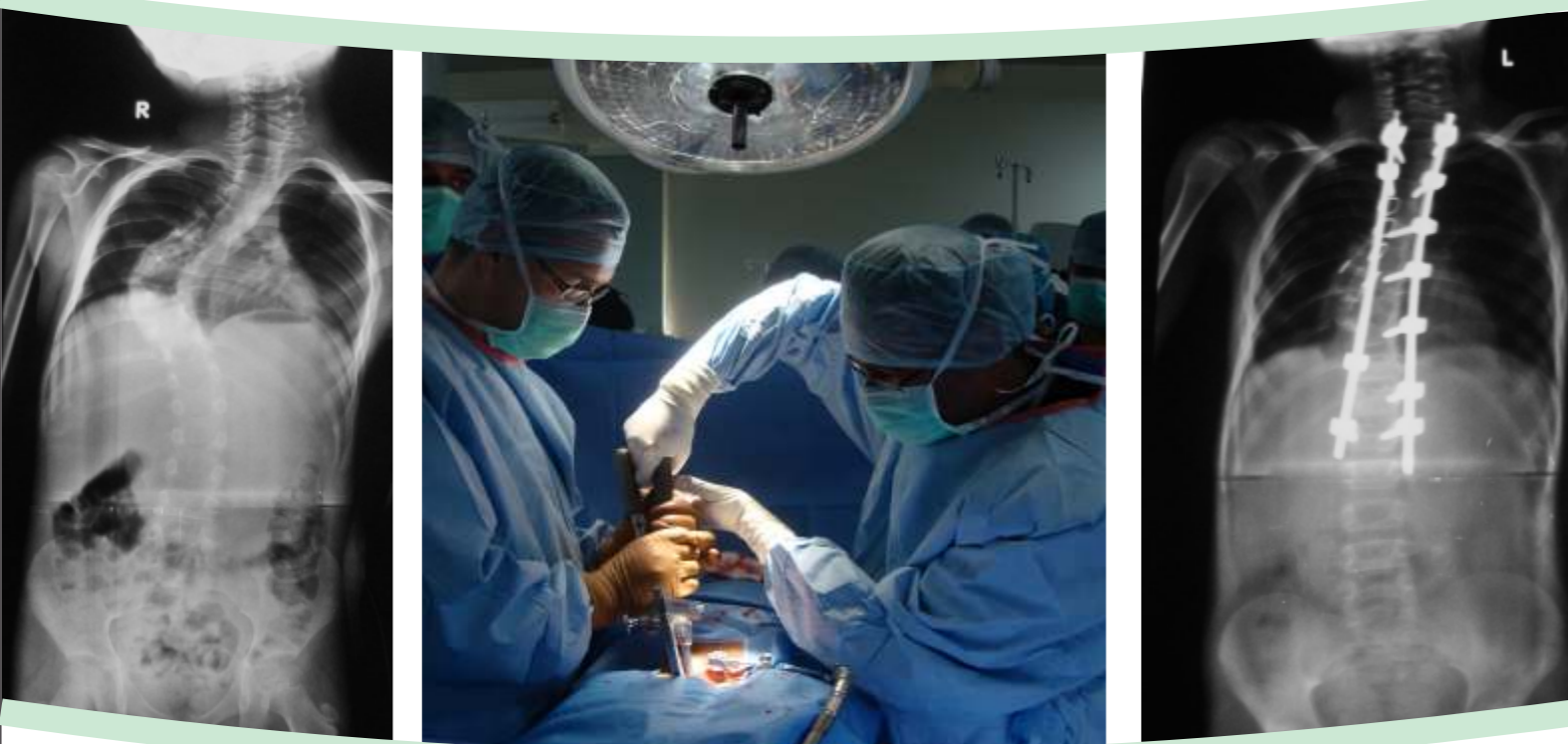


## Spine Surgery

Spine Surgery			
Year	2008	2009	2010
Out-patients	15342	18345	20321
In-patients	1210	1502	1696
Surgeries	1035	1223	1301



- 3 exclusive state-of-the-art operation theatres for spine surgery
- Intraoperative ISO C 3D navigation
- Two BrainLAB open navigation platforms
- Intraoperative spinal cord neuro-monitoring facility
- Intraoperative Cell saver equipment
- Bone bank for allografts in spine fusion
- In-house advanced spine imaging facility including 1.5 T MRI with SPACE & DTI Software.

*“ You are only as strong as your back is ”*

## Spine Surgery Team



Sitting(Left to right) : Dr. Ajoy Prasad Shetty, Prof. S Rajasekaran  
 Standing(Left to right) : Dr. Vijay Kamath, Dr. Abhishek Manu, Dr. M Subbiah, Dr. Gaurav Khandelwal, Dr. Ashok Thomas, Dr. Nipun Bajaj, Dr. Rishi Mugesh Kanna, Dr. Sakthi Kanal Subramaniam

The spine unit attends a busy clinical load of more than 20,000 new outpatients every year and over 1200 major Spine surgeries. Dr Rajasekaran, Head of the Department, Dr Ajoy Prasad Shetty, Senior consultant, six Spine Fellows and a group of spine physiotherapists manage the busy clinical load. The unit functions as a tertiary referral centre, performing high quality spine surgery for all problems from craniovertebral junction to sacrum.

The unit was the first unit in the country to be approved for super speciality training in spine surgery. Apart from numerous traveling fellowships of the World Orthopaedic Concern, it also conducts spine microsurgery courses in association with Carl Zeiss. Operative spine courses are held every other year which attracts delegates from all over India and many neighbouring countries. Recently the unit is also recognized as a research unit by the Department of Scientific and Industrial Research, New Delhi.

Year	2008	2009	2010
Microdiscectomy	251	300	316
Scoliosis & kyphosis	79	82	78
Spinal infections	43	35	32
Spondylolisthesis	124	213	206
Tumor surgery	16	17	21
Cervical spine	180	163	199
Spine fractures	100	173	189
Lumbar canal stenosis	109	128	99
Miscellaneous	133	134	141
Total	1035	1223	1301

The Spine Surgery unit is very strong in clinical and basic science research. The unit has been the proud recipient of many national and international awards such as ISSLS award in 2004 and 2010, EuroSpine Open Paper Award in 2008, Sofamer Danek award in 1996 and 2002, Silver Jubilee Research Award of Medical Council of India in 2004, Hari Om Alembic Award in 2007 and Golden Jubilee Commemoration Award of IOA in 2010. The unit has also more than 70 journal publications in spine surgery and many important chapter contributions in international textbooks.