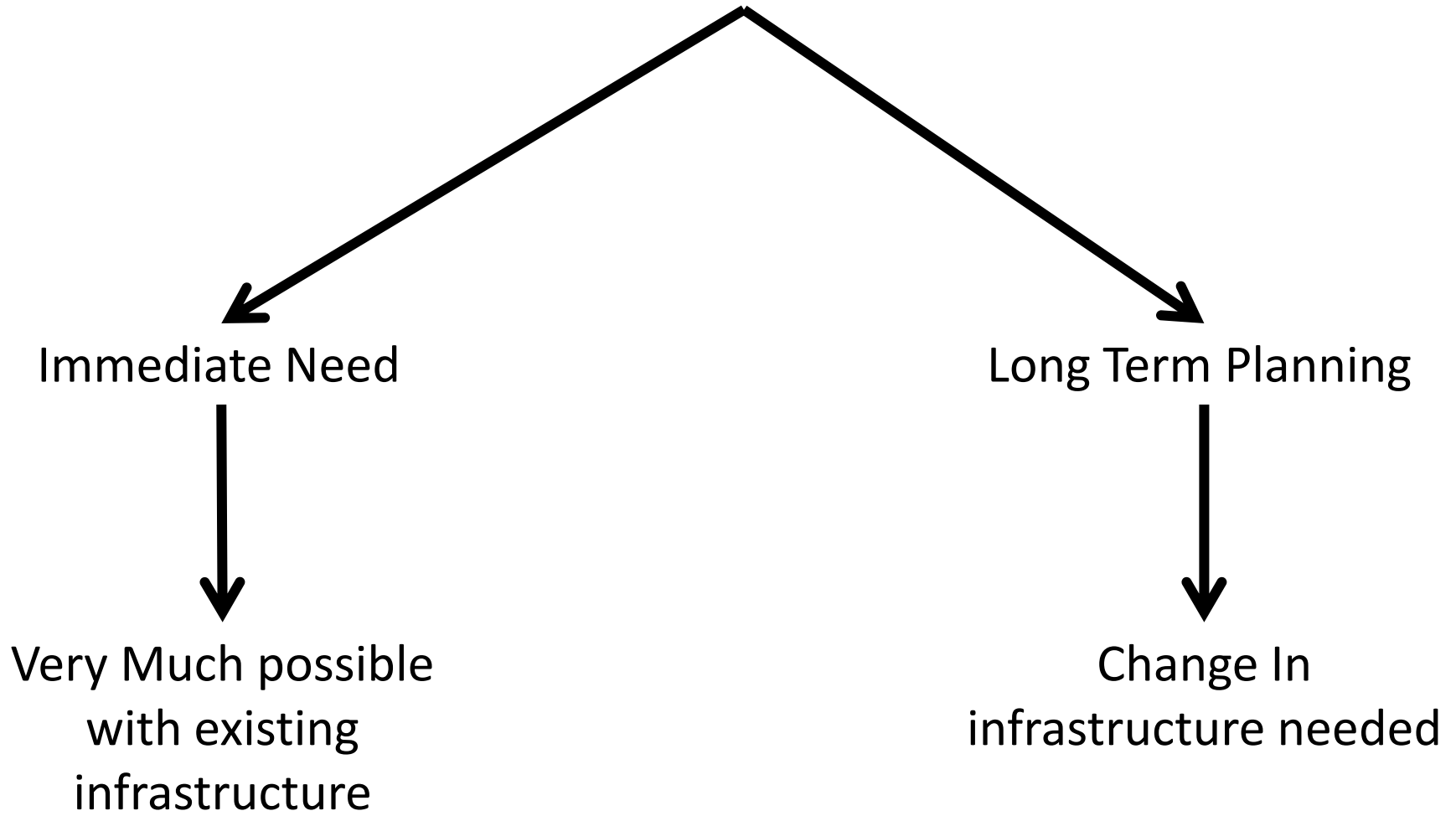


Department Of Orthopaedics



Seth GS Medical College And KEM Hospital

Vision For Coming Decade



Why Immediate Need ?

	2010	2015
EMS Procedures	7530	5910
ROCOT	996	1330
Spine OT	997	1288
OPD	47903 + 10000	63579 + 15000

Statistics 2010 v/s 2015

Immediate Need

- Dedicated 4 bedded ICU in Ortho OT
- 6 bedded ICU in Ortho EMS with equipment and staff (doctor/ nurse/ ward boy)
- Fully fledged 3rd OT table in ROCOT and JRSOT
 - At present the 3rd OT is being used for procedures which can be done under local anesthesia only
- Extra round the clock working OT table in EMS OT with staff

Immediate Need

- Creating Smooth Services In EMS OT
 - The space which was available earlier should be re-stationed at the earliest
- Equipment
 - Neuromonitoring system
 - Operating microscope
 - High speed burr
 - Navigation – Joint / Spine
 - Up gradation of existing instruments
 - Fluoroscopy machine: One C-arm per table
 - Power Drill and Saw

All This Will Help In Avoiding..

- Postponement of surgery
- Tackling ever growing waiting list of Cold Orthopaedic Cases
- Not sticking to probable appointment date and following discontent amongst relatives

Long Term Plan

- Department Of Orthopaedics At Seth GSMC and KEM Hospital is the largest amongst govt. teaching hospitals in the country and Asia
- Considered as the “Mecca Of Orthopaedics” in India
- Has special recognition in international universities

We are yet to keep pace with ever growing

- Population
- Illness
- Devastating RTAs
- Threat of terrorism
- Natural and un-natural disasters

10 YEARS DOWN THE LINE

ORTHO KEM DREAMS TO SERVE THE NATION

- State of the art treatment
- High quality supportive services to meet the ever growing demand
- Par excellence academics and role model teaching
- Foundation of basic research facilities on which a high quality advanced research center would stand in coming decades



Helipad

Staff Rooms

Academic/ Research Wing

Skills Development Lab

Bone Bank

Emergency Cell

OT Complex

ICU

Male Wards

Male Wards

Female Wards

Female Wards

Paying Wards

Radiology Section

Pathology/ Biochemistry/ Other Investigations

OPD

Basement Parking

Staff Structure

- 6 units
- Professor – 6
- Associate Professor – 6
- Assistant Professor – 12
- Senior Registrars – 12
- PG Students– 24 per year

Supportive Staff

- Data Operators: 6
- Research Assistants: 6
- CCT: 2
- Peon: 2
- Maintenance Staff: 2

OT COMPLEX

- Fully equipped OT complex with 12 state of the art operating rooms
 - 3 JRSOT – Joint replacement and Spine OT
 - 3 ROCOT – Routine Orthopaedic Cases OT
 - 1 Septic OT
 - 1 Image guided procedures OT
 - 2 Emergency operating rooms
 - 1 Minor procedure room
 - 1 Plaster room
- Separate Induction Rooms within the OT complex to save time and operate more cases

Specialty Wings/ Wards

- Trauma
- Spine
- Arthroplasty
- Arthroscopy
- Pediatric
- Tumor
- Hand and Foot
- Quadriplegic and paraplegic ward
- Paying Ward

Dedicated Ortho ICU

- 20 bedded dedicated Ortho ICU
- Right opposite the OT complex for ease of shifting
- Recovery beds for immediate post-operative care
- Fully equipped beds with dedicated intensivist for management of critically ill and intubated patients

Bone Bank

- Allografts are used in various orthopaedic surgeries like limb salvage, revision arthroplasties etc.
- We have to depend on TMH bone bank for the same. Because of this, patient has to bear a high cost and also availability is an issue at times
- We propose to start a fully functional bone bank which will process allograft and distribute it to all BMC centers at a very subsidized rate

Skill Development Lab

- Before the students operate on patients, they can practice basic surgical skills like drilling, tapping, screw insertion, suturing etc on life like models
- This will boost the confidence of the students and benefit patients also

VISION



See in Reality

For science dream is the germination of future legacy which is inevitable with very strong will power and commitment



Thank you !!