

## Fellowship in Cross Sectional Imaging

### 1. Information Related to Course Content:

The reasons for sub specialization in Radiology are:

- a. Information overload - Our field has become so complex that no individual can maintain the level of expertise needed to practice the entire field of radiology
- b. Too rapid developments - complex advanced scanners with new software's, functional imaging, Spectroscopy, diffusion imaging, fusion imaging
- c. Specialized clinicians
- d. Patients and clinicians require comprehensive information and the most accurate diagnosis
- e. Research.

The emphasis of the fellowship is on achieving well -balanced, comprehensive subspecialty training in all areas of cross sectional Imaging. It is intended that the intensive Imaging experience at the Dr. D.Y. Patil Medical College, Hospital and Research Centre, Pimpri, Pune, prepare the fellow for a career in subspecialty Cross sectional Radiology, either private practice or academic.

Fellows will acquire considerable experience with a wide variety CT and MRI scans and fellows will write at least two papers for publication and prepare at least one poster. The program includes CNS, Pediatric imaging, Musculoskeletal imaging, orbital imaging, respiratory system, CVS, GIT, GUT, breast and ENT imaging Responsibilities include supervised (and occasionally unsupervised) clinical work, resident teaching, and research.

### 2. Duration:

One Year

### 3. Training Facilities:

Expert Faculties, Regular Training Sessions, Excellent Infrastructure

### 4. Teaching Faculty Details (Along with active registration No.)

Dr. Tushar Madharao Kalekar (MMC Reg. No. 2002/031471)

### 5. Infrastructure Facilities:

MRI (1.5T & 3T), CT Scan (16 Slice & 128 Slice), X-ray and Ultrasonography

### 6. Fees: Rs. 1,00,000/ - (Rupees One Lakh Only)