

K.V.G. MEDICAL COLLEGE HOSPITAL
Kurunjibag-574327, Sullia, Dakshina Kannada (Karnataka State)
Department Of Radio-Diagnosis and Imaging

**TEACHING PROGRAM FOR POST GRADUATES FOR THE MONTH OF
MAY 2017**

DATE	DAY	SUBJECT	NAME OF THE TOPIC	MODERATOR
01/05/17	MON		HOLIDAY	--
02/05/17	TUE	--	OBSTETRICS AND GYNECOLOGY EXAM	--
04/05/17	THUR	Discussion	Basic principles of MRI	Dr.Rudresh Hiremath
05/05/17	FRI	Discussion	Image weighting and contrast	Dr.Rudresh Hiremath
06/05/17	SAT	FRS	Dr.Haritha	Dr.Gange Gowda
08/05/17	MON	Discussion	Encoding - Introduction, gradients, slice selection, frequency and phase encodings and sampling	Dr.Rudresh Hiremath
09/05/17	TUE	Discussion	Data collection and image formation – K-space, FFT, Types of acquisition	Dr.Rudresh Hiremath
10/05/17	WED	Discussion	Parameters and trade offs – SNR, CNR, spatial resolution, Scan time	Dr.Rudresh Hiremath
11/05/17	THUR	Discussion	Pulse sequences –Conventional spin echo, fast or turbo spine echo, inversion recovery, fast inversion recovery, STIR, FLAIR, IR prep sequences	Dr.Rudresh Hiremath
12/05/17	FRI	Discussion	Gradient echo- coherent and incoherent echo, SSFP, balanced and fast gradient echo, single shot imaging and Parallel imaging	Dr.Rudresh Hiremath
13/05/17	SAT	FRS	Dr.Haritha	Dr.Aishwarya K C
15/05/17	MON	Discussion	Flow phenomena – TOF, entry slice, intravoxel dephasing and Flow phenomena compensation	Dr.Rudresh Hiremath

16/05/17	TUE	Seminar	Artifacts and their compensation Presenter – Dr.Haritha	Dr.Rudresh Hiremath
17/05/17	WED	Discussion	Vascular and cardiac imaging – MRA, cardiac MRI, cardiac and peripheral gating, peripheral gating, multiphase cardiac imaging, Cine	Dr.Rudresh Hiremath
18/05/17	THUR	Discussion	MRI safety Presenter - Dr.Aradhana	Dr.Rudresh Hiremath
19/05/17	FRI	Discussion	Instrumentation and equipment Presenter – Dr.Santhosh	Dr.Rudresh Hiremath
20/05/17	SAT	FRS	Dr.Haritha	Dr.Gowtham Gowda
23/05/17	TUE	Seminar	Contrast agents in MRI Presenter – Dr.Haritha	Dr.Rudresh Hiremath
24/05/17	WED	Discussion	Functional Imaging Techniques – DWI, SWI, MRS, fMRI, whole body imaging, MRM	Dr.Rudresh Hiremath

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