



**JAWAHARLAL INSTITUTE OF POST GRADUATE MEDICAL EDUCATION AND RESEARCH (JIPMER)
PUDUCHERRY- 605 006**

(An Institution of National Importance under the Ministry of Health and Family Welfare, Government of India)



TELEMEDICINE SERVICES

National Medical College Network (NMCN)
Regional Resource Centre (RRC) JIPMER



No. JIP/TELE-CGR/VC/2019/37

Date: 16/08/2019

To

The HOD

Department of Surgical Gastroenterology
JIPMER

Sub: Telemedicine – Video Conferencing Session between JIPMER and SGPGIMS, Lucknow on 17th August 2019 at 8:00 AM to 9:00 AM - Reg.

This is to inform you that there will be Video Conferencing Session will be held.

Date/Time: 17/08/2019 (Saturday) at 8:00 AM to 9:00 AM

Topic : ‘Role of Diffusion Weighted MRI Imaging in diagnosing malignancy in patients with Thick walled Gallbladder’

Summary : A prospective study of 25 patients was conducted from September, 2016 to April, 2018 to elucidate the role of DWI MRI in evaluating TWGB for malignancy. Diffusion weighted MRI was done with calculation of apparent diffusion coefficient (ADC) values. Patients were subjected to appropriate surgical procedure. MRI findings were compared with histopathological reports. Histopathology reports (available for 24 patients who underwent surgery) revealed adenocarcinoma in 6, XC in 7, and cholecystitis in 11 patients. Diffusion restriction and absence of GB calculi were seen to be significantly related to malignancy. Mean ADC values of carcinoma was 1.57×10^{-3} , that of XC was 1.77×10^{-3} and that of cholecystitis was 2.54×10^{-3} . At a cutoffs ADC value of 1.94×10^{-3} , sensitivity was 100% and specificity 88.9% for differentiating between carcinoma and cholecystitis. Overall, DWI-MRI had sensitivity and negative predictive value of 100% each, specificity of 66.67%, positive predictive value of only 50%, and accuracy of 75%.

Between : SGPGIMS, Lucknow – KEM, Mumbai – AIIMS, Delhi – NEIGRIHMS, Shillong – IMS, BHU, Varanasi – TMC, Trivandrum - IGMCI Shimla, – JIPMER, Puducherry.

Venue : Telemedicine Centre, Dept. of Plastic Surgery, 4th Floor, SS Block, JIPMER.

Contact : Mr. Mohamed Ishaq (M-9751590265) / Mr Prasanth (M-9600836277)
Kindly inform Faculty and Residents to attend.

Thanking you,

Yours Sincerely,

Prof Dr Ravi Kumar Chittoria
Head of IT Wing & Telemedicine