Research Article

New Technique to Avoid General Anesthesia during Brachytherapy for Cancer Cervix

Published On: December 30, 2016 | Pages: 025 - 028

Author(s): Ashraf H Hassouna*

Aim: To keep the cervical canal dilated after the first high dose rate (HDR) brachytherapy fraction to avoid general anesthesia during subsequent applications. ...

MR Imaging of Pregnant Women with Abdominal Pain and Suspected Appendicitis: Diagnostic Accuracy and Outcomes

Published On: January 18, 2016 | Pages: 004 - 007

Author(s): Indu Rekha Meesa* and Leena Mammen

Acute appendicitis is the most common cause of acute surgical abdomen during pregnancy. Our study was conducted to review our experience and diagnostic accuracy with MRI during pregnancy and clinical outcomes over a two year period. All pregnant women who underwent an MRI examination of the abdomen between January 20 ...

Review Article

Volumetric Modulated Arc Therapy versus Intensity Modulated Radiation Therapy in the Treatment of Prostate Cancer: A Systematic Literature Review
Aim: provide evidence concerning advantages of volumetric modulated arc therapy over intensity modulated radiation therapy. ... 

Sclerosing Angiomatoid Nodular Transformation of the Spleen (SANT): CT and MR Imaging Features of Five Cases with Pathological Correlation

Objectives: To describe imaging features of sclerosing angiomatoid nodular transformation (SANT) with pathologic correlation. ... 

PSMA Accumulation in Benign Pleural Thickening

Prostate-specific membrane antigen (PSMA) is a specific type II membrane glycoprotein. We present the case of a 72-year-old man with newly diagnosed prostate cancer who had a 68Ga-PSMA PET/CT scan for staging. 68Ga-PSMA PET/CT images showed moderate uptake in the right hemithorax, corresponding to pleural thickening seen on the CT images. ...
Agenesis of the Corpus Callosum Associated with Persistent Primitive Olfactory Artery - Case Report and Literature Review

Published On: June 22, 2016 | Pages: 012 - 014

Author(s): Myoung Soo Kim*

Agenesis of the corpus callosum (ACC) is a congenital malformation that can occur in isolation or in association with other neurological conditions. However, to our knowledge, no cases of ACC associated with persistent primitive olfactory artery (POA) have been reported. ...
Background: Simple software extensions to already existing software-infrastructure can monitor treatment results, increase patient safety and enhance patient comfort in a very cost-effective way.

Successful Treatment of a Bilateral Lower Palpebral MALT Lymphoma with Rapid Arc: Description of a New Technique

Published On: July 05, 2016 | Pages: 021 - 022

Author(s): Issam Lalya*, Laila Baddouh, Keltoum Dahmani, Noha Zaghba, Khalid Andaloussi, Mohamed Elmarjany, Khalid Hadadi, Hassan Sifat and Hamid Mansouri

Primary MALT lymphoma of the eyelids is a rare disease; chronic infection by Chlamyphila psittaci has been identified as a possible causative agent, but other pathogens may be implicated such Hepatitis C virus and Helicobacter Pylori.

Timing of Annual Output Calibration of Radiotherapy Linear Accelerators

Published On: January 23, 2016 | Pages: 008 - 008

Author(s): Murshed Hossain*

The output of radiotherapy Linear Accelerators (Linacs) is calibrated following national or international protocols like TG-51 by the American Association of Physicists in Medicine [1] or TRS-398 by the International Atomic Energy Agency [2], annually on or before the anniversary date of the commissioning of each Linac.