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In this issue

Research Article

Open Access Research Article PTZAID:IJRRO-4-131

A comparative evaluation of two head and neck immobilization devices using verification film for head and neck cancer patients receiving radiation therapy at Ocean Road Cancer Institute (ORCI) aero-digestive tract

Published On: August 23, 2018 | Pages: 021 - 026

Author(s): Dukho AJ* and Nazima Dharsee

Background: Accurate and reproducible patient positioning is fundamental to the success of fractionated radiotherapy. To achieve accurate daily treatment delivery, various immobilization devices are used in radiotherapy departments. At ORCI the mostly used immobilization devices for radiotherapy treatment of head and neck cancer patients are thermoplastic mask and LS- ...

Abstract View Full Article View DOI: 10.17352/ijrro.000031

Open Access Research Article PTZAID:IJRRO-4-130

The Need to Deepen the Abscopal Effect and Synergy among Radiotherapy and Immunotherapy

Published On: August 22, 2018 | Pages: 019 - 020

Author(s): Denaro Nerina*

Emerging data that radiotherapy can potentially convert the patient’s own tumor into an in situ vaccine have raised significant interest for testing radiation in combination with immunotherapy. Moreover, the immune responses to localized irradiation may be the mediator of systemic effects (called the abscopal effect). ...

Abstract View Full Article View DOI: 10.17352/ijrro.000030

Open Access Research Article PTZAID:IJRRO-4-129

Brief palliative radiotherapy course for advanced and incurable head and neck cancer

Published On: July 16, 2018 | Pages: 014 - 018

Author(s): Rasha Hamdy Hamed* and Engy Aboelnaga

Purpose: Palliative radiotherapy schedule for inoperable Squamous cell carcinoma of head and neck (SCCHN) will evaluated in terms of palliation of cancer-related symptoms and acute toxicities. Materials and Methods: This study included fifty patients with inoperable SCCHN. All patients received 30 Gy / 10 fractions / 5 fractions per week. Treatment-related toxicity w ...

Abstract View Full Article View DOI: 10.17352/ijrro.000029

Open Access Research Article PTZAID:IJRRO-4-128

Breast conserving surgery and intra-operative specimen radiography: Margin assessment by the surgeon or the radiologist?

Published On: July 02, 2018 | Pages: 009 - 013

Author(s): Senthurun Mylvaganam*, Habib Tafazal, Virginia Caddick, Priya Madahar

In the United Kingdom since the late 1990s there has been both a shortage of and falling level in recruitment of breast radiologists/radiographers. Specimen radiography is a widely used intra-operative adjunct to aid margin assessment in patients undergoing wide local excision for early stage breast cancer. Aim: This study looks to determine accuracy and congruence ...

Abstract View Full Article View DOI: 10.17352/ijrro.000028

Open Access Research Article PTZAID:IJRRO-4-127

A retrospective study of SPECT/CT scans using SUV measurement of the normal pelvis with Tc-99m methylene diphosphonate

Published On: April 10, 2018 | Pages: 003 - 008

Author(s): Ruifeng Wang, Xiaoyi Duan, Cong Shen, Dong Han, Junchao Ma, Hulin Wu, Xiaotong Xu, tao Qin, Qiuju Fan, Zhaoguo Zhang, Weihua Shi and Youmin Guo*

Objective: This study aimed to perform the quantitative measurement based on the standardized uptake value (SUV) of Tc-99m methylene diphosphonate (MDP) in normal pelvis using a single-photon emission tomography (SPECT)/computed tomography (CT) scanner. ...

Abstract View Full Article View DOI: 10.17352/ijrro.000027

Case Report

Open Access Case Report PTZAID:IJRRO-4-126

Hyperprogression after immunotherapy in HNC: literature review and our experience

Published On: March 15, 2018 | Pages: 001 - 002

Author(s): Nerina Denaro

Checkpoint inhibitors demonstrate salutary anticancer effects, including long-term remissions. PD-L1 expression/amplification, high mutational burden, and mismatch repair deficiency correlate with response. Champiat et al for the first time described a small subset of patients that could actually have tumor growth accelerated when given PD1/PDL1-targeting agents. ...

Abstract View Full Article View DOI: 10.17352/ijrro.000026