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*Prospective study*

Multimodality functional imaging using DW-MRI and <sup>18</sup>F-FDG-PET/CT during radiation therapy for human papillomavirus negative head and neck squamous cell carcinoma: Meixoeiro Hospital of Vigo Experience

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2014年12月22日 - In this prospective study, we investigated the role of pretreatment dynamic ...

Patients with scores of 2–3 had significantly poorer neck control and overall ... Diffusion-Weighted MRI, and <sup>18</sup>F-FDG PET/CT for the Prediction of Neck ..... T2 stage laryngeal squamous cell carcinoma treated with radiotherapy.

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作者: SH Ng - 2014 - 被引用次数: 4 - [相关文章](#)

2014年12月22日 - Patients with untreated OHSCC scheduled for chemoradiation between August, ...

DWI is a rapid MRI technique that allows quantification of the diffusion of ... DWI, <sup>18</sup>F-FDG PET/CT-derived parameters can predict neck control in ... The study participants received intensity-modulated radiotherapy with a ...

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2015年11月4日 - Keywords: Head and neck squamous cell cancer, Radiotherapy, Gross tumour ...

Target volume delineation in the treatment of head and neck cancers is a ... of CT, MRI and FDG PET-CT for oropharyngeal carcinoma [18, 19].

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作者: SJ Wang - 2015 - 被引用次数: 2 - [相关文章](#)

2015年3月7日 - A negative PET/CT is particularly useful as a predictor of prognosis and can guide ...

Keywords: Head and neck cancer, Radiologic imaging, Oropharynx cancer. ... Ang et al. found that



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### Tumour Response to Therapy - ISMRM 24th Annual Meeting ...

[www.ismrm.org/16/program\\_files/O18.htm](http://www.ismrm.org/16/program_files/O18.htm) ▾ 翻译此页

2016年5月9日 - <sup>1</sup>department of radiology, Cancer Hospital, Chinese Academy of ... Materials and Methods: thirty-six patients examined with multiple-b DWI ... Multimodality functional imaging in radiation therapy during treatment: relationship between DW-MRI and 18F FDG PET in head and neck squamous cell carcinoma.

### Functional imaging in radiation therapy planning for head and neck ...

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作者: LAP Romasanta - 2013 - 被引用次数: 7 - 相关文章

2013年11月9日 - PET is a significant advance in cancer imaging with great potential for ... The use of PET-CT in RT planning was reviewed by an international panel. .... could be to avoid treating neck nodes if an 18F-FDG PET examination is negative. .... The integration of functional MRI in the radiotherapy planning and ...

### Functional imaging to predict treatment response after (chemo) - NCBI

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作者: R de Bree - 2013 - 被引用次数: 3 - 相关文章

2013年10月24日 - Head and neck squamous cell carcinoma (HNSCC) refers to malignant ... control include T-stage, N-stage and tumor volume, as measured by CT or MRI. Due to ... However, a better



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作者: M Subesinghe - 2015 - 被引用次数: 8 - 相关文章

2015年3月17日 - Significant changes in SUVmax, mean ADC value, Plasma Flow and Plasma ... **Multimodality imaging during radiotherapy** treatment demonstrates early .... Repeat **FDG PET-CT** and **MRI scans during radiotherapy** were performed +/- 3 ... Baseline half-body **PET** acquisition with a dedicated head and neck ...

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作者: M Mera Iglesias - 2015 - 被引用次数: 6 - 相关文章

2014年10月10日 - **4 Radiation** Oncology Department, Galaria-Hospital do ... **MRI** parameters can determine tumour hypoxia, and **ADC** maps can be used for evaluating tumour response. Results. ... especially in **head** and **neck** tumours and lung tumour [6– 8]. ... **18F-FDG** (fludeoxyglucose labelled with **18F**) **PET/CT**, **DW-**

**Radiotherapy plus Cetuximab for Squamous-Cell Carcinoma of the ...**

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2006年2月9日 - **Treatment** of locoregionally advanced **head** and **neck** cancer with concomitant ... (CT) or magnetic resonance **imaging** (MRI) scan of the **head** and **neck** and a ..... **radiation in human head** and **neck squamous cell carcinoma** cell lines ..... and **neck** cancer using **diffusion-weighted MRI** and **18F-**