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*Observational Study*

Combined value of ADC-SUVmax in evaluation of post-treated locally advanced rectal cancer

Davide Ippolito, Davide Fior, Chiara Trattenero, Elena De Ponti, Silvia Drago, Luca Guerra, Cammillo Talei Franzesi, Sandro Sironi

Abstract

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### [RadioGraphics: Restaging Locally Advanced Rectal Cancer ...](#)

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作者: B Barbaro - 2010 - 被引用次数: 47 - 相关文章

Restaging **Locally Advanced Rectal Cancer** with MR Imaging after .... tumor necrosis for early response **evaluation** and residual tumor restaging at the end of **treatment** .... (g) On the corresponding **ADC** map, the **ADC value** of the tumor as a whole .... especially when morphologic and volumetric criteria are **combined** (20,26).

### [Response to neoadjuvant therapy in locally advanced rectal ...](#)

[www.ncbi.nlm.nih.gov/pubmed/22270580](http://www.ncbi.nlm.nih.gov/pubmed/22270580) ▾ [翻译此页](#)

作者: D Ippolito - 2012 - 被引用次数: 25 - 相关文章

Response to neoadjuvant therapy in **locally advanced rectal cancer**: ... The aim of this study was to **evaluate** the correlation between the changes of **SUV(max)** and of ... were analyzed, and measurements of **ADC values** and **SUV(max)** were taken. ... a significant percentage decrease of **values** after the **treatment** ( $P < 0.005$ ).

### [Correlation of Standardized Uptake Value and Apparent ...](#)

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作者: J Grueneisen - 2014 - 被引用次数: 6 - 相关文章

2014年5月7日 - To **evaluate** a potential correlation of the maximum standard uptake **value** ... reading in random order, using a dedicated **post-processing** software. ... Mean **SUVmax** ( $12.5 \pm 6.5$ ) and **ADCmin** ( $644.5 \pm 179.7 \times 10^{-5} \text{ mm}^2/\text{s}$ ) **values** for all ..... of **treatment** response and recurrence in **locally advanced rectal cancer**.

### [The role of diffusion-weighted MRI and 18 F-FDG PET/CT in ...](#)

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作者: I Joye - 2014 - 被引用次数: 5 - 相关文章

**Rectal cancer**;; Diffusion-weighted MRI;;  $^{18}\text{F}$ -FDG PET/CT;; Pathological ... the standard

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### The role of diffusion-weighted MRI and 18 F-FDG PET/CT in ...

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By quantifying these properties as the **apparent diffusion coefficient** (ADC), DWI ... in the prediction of pCR after preoperative RCT for **locally advanced rectal cancer** ... and **maximum standardized uptake value** (SUV) measured before (SUV<sub>meanpre</sub>, .... In most studies, **post-treatment** <sup>18</sup>F-FDG PET/CT and DWI scans were ...

### Correlation of Standardized Uptake Value and Apparent ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > [PubMed Central \(PMC\)](#) ▾ [翻译此页](#)

作者: J Grueneisen - 2014 - 被引用次数: 7 - 相关文章

2014年5月7日 - To **evaluate** a potential correlation of the **maximum standard uptake value** (SUV<sub>max</sub>) and the minimum **apparent diffusion coefficient** (ADC<sub>min</sub>) ... of hybrid imaging (PET/CT), **combining** morphological and functional data, ..... predictor of **treatment** response and recurrence in **locally advanced rectal cancer**.

### How reliable is current imaging in restaging rectal cancer ...

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作者: P De Nardi - 2013 - 被引用次数: 8 - 相关文章

2013年9月28日 - In patients with **advanced rectal cancer**, neoadjuvant chemo ... Reduction of **local** recurrence after surgery was first achieved with the .... Moreover, in **diffusion weighted MRI**, **apparent diffusion coefficient** ... Different parameters can be used to **evaluate** tumor response: **maximum standardized uptake value** ...

### RadioGraphics: Restaging Locally Advanced Rectal Cancer ...

[pubs.rsna.org/doi/full/10.1148/rg.303095085](http://pubs.rsna.org/doi/full/10.1148/rg.303095085) ▾ [翻译此页](#)

作者: B Barbaro - 2010 - 被引用次数: 49 - 相关文章

Restaging **Locally Advanced Rectal Cancer** with MR Imaging after .... for early response