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Retrospective Study

Value of serial magnetic resonance imaging in the assessment of brain metastases
volume control during stereotactic radiosurgery

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Abstract

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作者: AM Peterson - 1999 - 被引用次数: 82 - [相关文章](#)

The goals of **stereotactic radiosurgery** are local tumor **control**, improved ... of the **serial MR imaging** changes that **stereotactic radiosurgery**-treated ... performed **during** the following five intervals after **stereotactic radiosurgery**, ... The average baseline **volume** of homogeneously enhancing **metastases** was Factor, P Value ...

Vai - Università degli Studi di Palermo

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The **value** of **serial MR imaging** in the **assessment** of **brain metastases volume control** during **stereotactic radiosurgery**. In Proceedings ECR 2015.

[PDF] Imaging Techniques in Stereotactic Radiosurgery - Springer

www.springer.com/cda/content/.../9781461483625-c1.pdf?... ▾ [翻译此页](#)

MRI is comparable to 1.5 T **MRI** for SRS treatment planning [2]. ... between MR image **values** and electron densities has been of brain tissue around the cavity had a 100 % local **control** rate, com- ... **assess brain metastasis** response following **radiosurgery**. ... changes in the gross tumor **volume** observed **during** the same.

Stereotactic radiosurgery for brain metastases: analysis of out...

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作者: G Minniti - 2011 - 被引用次数: 136 - [相关文章](#)

2011年5月15日 - Keywords: **brain metastases**, **stereotactic radiosurgery**, survival, ...

Radiosurgical dose was 20 Gy for metastases with a **volume** $\leq 4.3 \text{ cm}^3$... in size on **serial MR imaging** **during** a minimum follow-up period of 4 months was scored ... Radionecrosis changes were **assessed** per tumor and event-free survival ...

Radiological progression of cerebral metastases after radiosur...

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Radiological progression of cerebral metastases after radiosurgery ...

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Mar 10, 2009 - To **assess** the capability of perfusion **MRI** to differentiate between necrosis ... of **cerebral metastases** treated with **stereotactic radiosurgery** (SRS). ... Those patients demonstrating a progression in **volume** of the treated lesion during Logistic regression models were fitted for evaluation of the **value** of the ...

The Diagnosis and Treatment of Pseudoprogression, Radiation ... - NCBI

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by K Parvez - 2014 - Cited by 20 - Related articles

Jul 3, 2014 - Keywords: pseudoprogression, **radiation** necrosis, **metastasis**, glioma, recurrence ... With recent advances, patients can also be treated with **stereotactic** ... **Magnetic resonance imaging** (MRI) of the **brain** is performed to monitor patients dose, overall treatment duration, and irradiated **brain volume** [22,46].

MR Imaging Response of Brain Metastases after Gamma Knife ...

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The goals of **stereotactic radiosurgery** are local tumor control, improved quality of ... with **stereotactic radiosurgery** (6,8–14), detailed descriptions of the **serial MR** ... The numbers of patients and **metastatic** lesions **imaged during** each of the five malformations; **assessment** of early phase **magnetic resonance imaging** and ...

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作者: J Ruzevick - 2014 - 被引用次数: 9 - 相关文章

2013年11月15日 - Keywords: Pseudoprogession, **Stereotactic radiosurgery**, **Brain metastases** ... The average lesion **volume** from the initial pre-SRS treatment imaging showed a ... treatment success after SRS is **serial magnetic resonance imaging**. ... these **values** could reliably differentiate recurrent metastatic tumor from ...

Radiological progression of cerebral metastases after radiosurgery ...

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作者: FWA Hoefnagels - 2009 - 被引用次数: 61 - 相关文章

2009年3月10日 - To **assess** the capability of perfusion **MRI** to differentiate between necrosis ... of **cerebral metastases** treated with **stereotactic radiosurgery** (SRS). ... Those patients demonstrating a progression in **volume** of the treated lesion **during** Logistic regression models were fitted for evaluation of the **value** of the ...

Postradiation imaging changes in the CNS: how can we differentiate ...

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作者: AJ Walker - 2014 - 被引用次数: 9 - 相关文章

Serial contrast-enhanced **MRI** represents the current mainstay for monitoring ... Acute radiation effects occur **during** or immediately after the course of radiation. and after 60 Gy to a third of the total **brain volume** using standard fractionation [4]. **imaging** after **stereotactic radiation** is required to **assess** response to therapy ...

MR Imaging Response of Brain Metastases after Gamma Knife ...

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作者: AM Peterson - 1999 - 被引用次数: 83 - 相关文章

The goals of **stereotactic radiosurgery** are local tumor **control**, improved quality of ... with **stereotactic**