

## CLINICAL ARTICLES - BENIGN

**Title:** The Erlangen Dose Optimization Trial for radiotherapy of benign painful shoulder syndrome - Long-term results

**Authors:** O.J. Ott · S. Hertel · U.S. Gaipl · B. Frey · M. Schmidt · R. Fietkau

**Publication:** Strahlentherapie und Onkologie

**Date Published:** 07/02/2014

**Abstract:** To evaluate the long-term efficacy of pain reduction by two dose-fractionation schedules for radiotherapy of painful shoulder syndrome. Radiotherapy is an effective treatment for the management of benign painful shoulder syndrome. For radiation protection reasons, the dose for a radiotherapy series should not exceed 3.0 Gy.

**Title:** The Erlangen Dose Optimization trial for low-dose radiotherapy of benign painful elbow syndrome - Long-term results

**Authors:** O.J. Ott · S. Hertel · U.S. Gaipl · B. Frey · M. Schmidt · R. Fietkau

**Publication:** Strahlentherapie und Onkologie

**Date Published:** 08/11/2013

**Abstract:** To evaluate the long-term efficacy of pain reduction by two dose fractionation schedules used for low-dose radiotherapy of painful elbow syndrome. Low-dose radiotherapy is an effective treatment for the management of benign painful elbow syndrome. For radiation protection reasons, the dose for a radiotherapy series should not exceed 3.0 Gy.

**Title:** A radiobiological analysis of multicentre data for postoperative keloid radiotherapy

**Authors:** John c. Flickinger, m.d.

**Publication:** International Journal of Radiation Oncology Biology Physics

**Date Published:** 15/03/2011

**Abstract:** To identify factors significantly affecting recurrence rates after postoperative external beam radiotherapy (XRT) of keloids, and to delineate any radiation dose response and effects of radiation dose per fraction. Postoperative keloid radiotherapy requires moderately high doses and optimal technique to be effective. The relatively low  $\alpha/\beta$  ratio indicates that radiotherapy with a limited number of fractions and high doses per fraction is the best strategy.

**Title:** Radiation Therapy for Early Stages of Morbus Ledderhose

**Authors:** Reinhard Heyd, Anne Pia Dorn, Markus Herkströter, Claus Rödel, Marcus Müller-Schimpfle, Ingeborg Fraunholz

**Publication:** Strahlentherapie und Onkologie

**Date Published:** 28/12/2009

**Abstract:** To evaluate the efficacy of radiation therapy (RT) in the treatment of early stages of benign plantar fibromatosis (Morbus Ledderhose [ML]). RT is effective for treatment of the early stages of ML and may obviate the need for a surgical intervention. Long-term follow-up studies including a larger number of patients are required to define the role of RT in the management of this disorder.