

**Name:** Andrew Hartley

**Job Title:** Consultant Clinical Oncologist, Queen Elizabeth Hospital Birmingham

**Date Joined:** November 2002

**What I do:**

- **Clinical Interests:** Radiotherapy for oropharyngeal and nasopharyngeal cancer
- **Teaching:** Leader of Radiobiology Module, MSc Oncology, University of Birmingham
- **Research (interests):** The effects of synchronous chemotherapy on radiobiological parameters; the radiobiology of large fractions delivered during stereotactic radiotherapy (cyber knife)
- **Research (trials):** Member of the Trial Steering Committee of the DE-ESCALATE and ARCHIMEDES studies
- **Research (recent peer review papers):**
  1. Pettit L, Meade S, Sanghera P, Glaholm J, Wyatt R, Hartley A. Panoramic radiobiological modeling of the contribution of concomitant chemotherapy to biological effective dose in squamous cell carcinoma. *Cancer and Clinical Oncology* 2013 (in press)
  2. Meade S, Sanghera P, Glaholm J, Hartley A. Models of acute mucosal tolerance to radiotherapy alone applied to synchronous chemoradiation schedules in head and neck cancer. *Tumour Biol.* 2013 Oct 9.
  3. Meade S, McConkey C, Sanghera P, Mehanna H, Hartley A. Revised radiobiological modeling of the contribution of synchronous chemotherapy to the rate of grades 3-4 mucositis in head and neck cancer. *Journal of Medical Imaging and Radiation Oncology* 2013; 57(6):733-8
  4. Meade S, Sanghera P, McConkey C, Fowler J, Fountzilas G, Glaholm J, Hartley A. Revising the radiobiological model of synchronous chemotherapy in head-and-neck cancer: A new analysis examining reduced weighting of accelerated repopulation. *International Journal of Radiation Oncology Biology Physics* 2013; 86(1):157-63.
  5. Pettit L, Meade S, Sanghera P, Glaholm J, Geh JI, Hartley A. Can radiobiological parameters derived from squamous cell carcinoma of the head and neck be used to predict local control in anal cancer treated with chemoradiation? *Br J Radiol* [Internet]. 2013; 86(1021)