Research outputs:

**Differences in Radiotherapy Delivery and Outcome Due to Contouring Variation**
Research output: Research - peer-review › Article in proceedings – Annual report year: 2013

**Analysis of Target Volume Definition Using CT, MRI and FDG-PET in Radiotherapy Treatment Planning of Anal Cancer**
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2012

**Does the Progress in Radiation Therapy Make Higher Demand to Interobserver Variability Correction? A Case Study of IMRT and Volumetric Arc Therapy**
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2012

**Geometrical Comparison Measures for Tumor Delineation, what do they mean for the Actual Dosis Plan?**
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2012

**Interobserver delineation variation in lung tumour stereotacticbody radiotherapy**
Research output: Research - peer-review › Journal article – Annual report year: 2012

**Lung Tumor Segmentation Using Electric Flow Lines for Graph Cuts**
Research output: Research - peer-review › Article in proceedings – Annual report year: 2012

**PET/CT in Radiation Therapy Planning of Malignant Tumors in Children - Impact on Gross Tumor Volume**
Research output: Research - peer-review › Conference article – Annual report year: 2012

**Planning and Evaluation of Radio-Therapeutic Treatment of Head-and-Neck Cancer Using PET/CT scanning**
Research output: Research › Ph.D. thesis – Annual report year: 2012

**Segmentation Using Symmetry Deviation: Abstract**
Research output: Research - peer-review › Conference article – Annual report year: 2012

**Temporal Volume of Lung Tumor during Treatment with Tomotherapy**
Auto-Segmentation of Head and Neck Cancer using Textural features
Hollensen, C., Jørgensen, P. S., Højgaard, L., Specht, L. & Larsen, R. 2010
Research output: Research - peer-review › Conference article – Annual report year: 2012

Inter-observer delineation uncertainty in radiotherapy of peripheral lung tumors
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2010

Segmenting the Parotid Gland using Registration and Level Set Methods
Hollensen, C., Hansen, M. F., Højgaard, L., Specht, L. & Larsen, R. 2010
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2010

Variability of textural features in FDG PET images due to different acquisition modes and reconstruction parameters
Research output: Research - peer-review › Journal article – Annual report year: 2010

Projects:
Planning and evaluation of radio-therapeutic treatment of head-and-neck cancer using PET/CT scanning
Hollensen, C., Larsen, R., Højgaard, L., Specht, L., Paulsen, R. R., Ballester, M. A. G. & Visvikis, D.
1/3 DTU-stip, 2/3 FUR/andet
01/08/2009 → 19/12/2012
Project: PhD