

## Invitation

# Target delineation in head and neck cancer radiotherapy



DAHANCA-DCCC Workshop  
16-17 January 2020  
Haraldskær, Skibetvej 140, 7100 Vejle



*Intended participants: Radiologist, specialist in nuclear medicine and oncologists involved in target delineation of head and neck cancer patients for radiotherapy*

## Dear All

The radiotherapy quality assurance group of DAHANCA (DAHANCA QA) would like to invite you to a national workshop of target delineation in head and neck cancer. The purpose is to clarify the current praxis in Denmark, and identify areas of uncertainties. The end result of the workshop will be to identify important subjects, agree on a preliminary sketch and appoint members of work groups for finalization of a national guideline for target definition for head and neck cancer radiotherapy. Target delineation is by far the biggest uncertainty in head and neck cancer radiotherapy and it is important that it is addressed on a national level, especially in a point in time where we perform very complex radiotherapy studies and use increasingly conformal techniques.

To maximize the benefit of the workshop homework has to be performed by joint **teams** from radiology, nuclear medicine and oncology:

1. Each centre receives 4 cases (larynx, pharynx, sino-nasal and postoperative oral cavity). The involved volumes are marked but not delineated in order to avoid discussing whether small nodes are involved. The results should be submitted before the workshop, and anonymized results will be presented at the workshop.
2. Each centre fills out a survey regarding the use of imaging and the logistic regarding target delineation.
3. Four centres volunteer to make a suggestion/ draft for the guidelines for each of the subjects; pharynx, larynx, sino-nasal and post-operative

Follow up after the work shop: The working groups will meet as necessary. A later meeting must be held to approve the guidelines, and if necessary to discuss remaining issues to be solved. The 4 cases will be re-contoured by the centres again after we have agreed on a set of guidelines. A paper on the process is planned for publication with acknowledgement of all participants and the national speakers as authors. The guidelines will either be submitted alone or as an appendix to the process-paper.

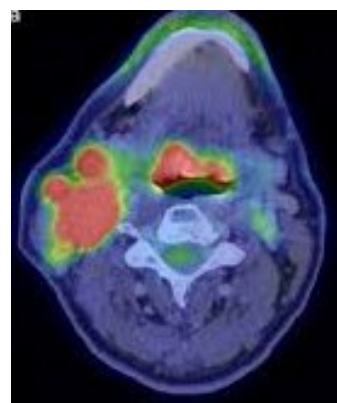
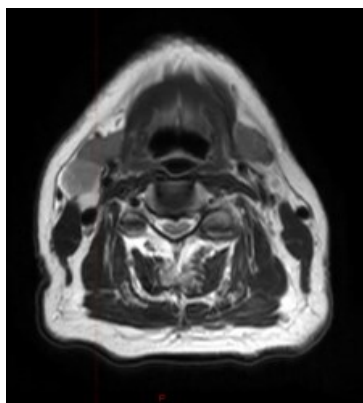
Language: Day 1 will be in English. Day 2 in Danish

Registration: As soon as possible in order to organize teams for drafting the guidelines. No later than 15<sup>th</sup> November 2019 at <https://forms.gle/i1neVhE76TbFgcRK6>

Participation and hotel will be free of charge. All other expenses must be covered elsewhere.  
**The Danish Comprehensive Cancer Center has supported the workshop.**

*We are looking forward to a productive and enjoyable workshop*

Kenneth Jensen, Jesper Grau Eriksen, Christian Rønn Hansen and Cai Grau on behalf of the DAHANCA radiotherapy QA group



## Programme

### Day 1

Time	
0900-	Registration and coffee
1000-	Welcome. Work-shop goals and future plans. <b>Jesper Grau Eriksen</b>
1015-	<b>Anatomy of the head and neck</b> (routes of direct spread). <b>Frank Pameijer UMC Utrecht</b>
1100-	<b>Nomenclature, margins and uncertainties.</b> <b>Christian Rønn Hansen</b>
1145-	Coffee
1215-	<b>Imaging in Head and Neck cancer for target delineation.</b> International patterns of care. <b>Frank</b>
1245-	Lunch
1345-	<b>Recurrence patterns</b> and evidence (All of Denmark). Where is the problem? <b>Ruta Zukauskaitė</b>
1430-	<b>CT.</b> Delineation using CT alone. Is iv contrast necessary when combined with MRI? New possibilities. <b>Frank</b>
1515	<b>Danish practice</b> (results from survey on imaging utilisation) <b>Kenneth Jensen</b>
1545	Coffee
1615-	<b>MRI.</b> Delineation using MRI alone. Added value. New possibilities. Suggestion for standard (sequences, functional MRI). <b>Frank</b>
1700-	<b>PET-CT:</b> Delineation using PET-CT alone. New technical possibilities. <b>Annika Loft Jakobsen</b>
1745-	Results of homework. Areas of disagreement <b>Chr.</b>
1815- 1900	<b>Areas of uncertainties/ special attention:</b> Pharynx, Larynx, Sinonasal, Postoperative. Discussion of the results of the homework in relation to the evidence and suggestions for subjects for day 2. <b>Frank</b>
1930-	Dinner
2100-	Discussions in the bar

### Day 2

0700-	Breakfast
0800-	<b>Pharynx.</b> Presentation of draft for guidelines. <i>Discussion</i> with respect to subjects from day 1. <b>Jeppe Friborg</b>
0915-	<b>Larynx.</b> Presentation of draft for guidelines. <i>Discussion</i> with respect to subjects from day 1. <b>Christian Maare</b>
1030-	Coffee
1045-	<b>Sino-nasal.</b> Presentation of draft for guidelines. <i>Discussion</i> with respect to subjects from day 1. <b>Jørgen Johansen</b>
1200-	Lunch
1300-	<b>Post-operative.</b> Presentation of draft for guidelines. <i>Discussion</i> with respect to subjects from day 1. <b>Jesper Grau Eriksen</b>
1415-	Coffee
1430-	Naming <b>workgroups</b> (modality or site?) and <b>mission</b> for guidelines. Setting deadlines. Naming <b>participant</b> for workgroups. Setting dates for first meetings. <b>Cai</b>
1515- 1530	Round up and farewell. <b>Kenneth</b>

