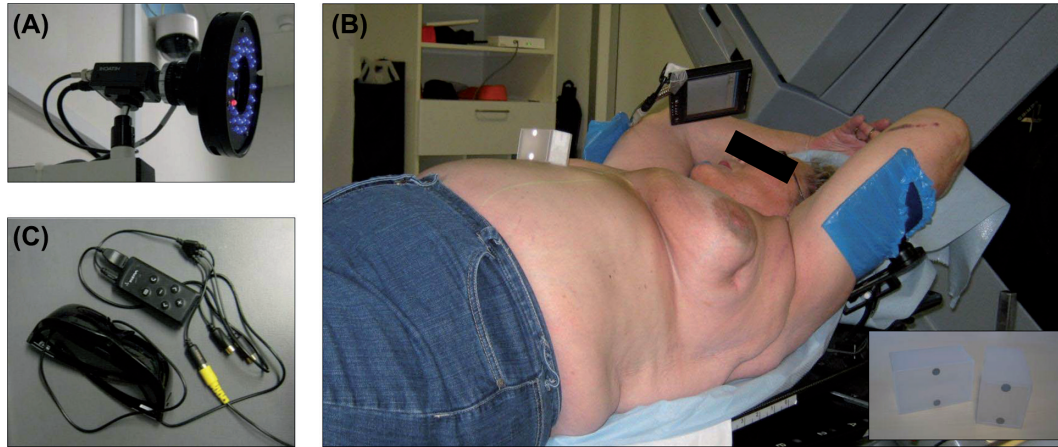
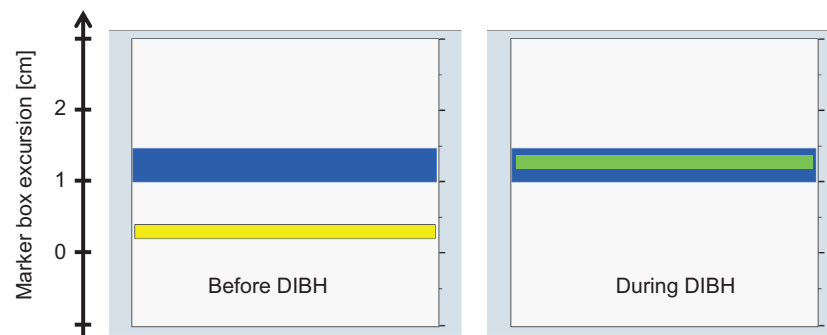


Supplementary material for Damkjær S.M.S. et al. Reduced lung dose and improved inspiration level reproducibility in visually guided deep inspiration breath hold compared to audio coached enhanced inspiration-gated radiotherapy for breast cancer patients, Acta Oncologica, 2013;52:1458–1463.



Supplementary Appendix 1. The setup for both EIG and DIBH used the Varian RPM system (Varian Medical Systems Inc.) with an IR camera (A) which tracks a two-marker plastic box positioned on the thorax of the patient (B). To achieve a stable position of the marker box two different versions were available (insert in B). The visual feedback were shown to the patient either by video goggles (Wrap 920, Vuzix, www.vuzix.com) (C) or a small LCD screen (B).



Supplementary Appendix 2. The visual feedback for DIBH to the patient. The yellow bar, on the left image, corresponded to the respiratory motion of the patient and the blue level represented where the patient was intended to hold her breath. The zero point on the vertical axis corresponded to the baseline of the respiration. When the patient was asked to hold her breath she was coached to inhale raising the yellow bar into the blue level where the bar changed to green, indicating that the patient held her breath as intended.