

Online Resource 3: Supplementary Figures

Implementation of functional imaging using ^{11}C -methionine PET-CT co-registered with MRI for advanced surgical planning and decision making in prolactinoma surgery

Pituitary

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Supplementary Figure 1

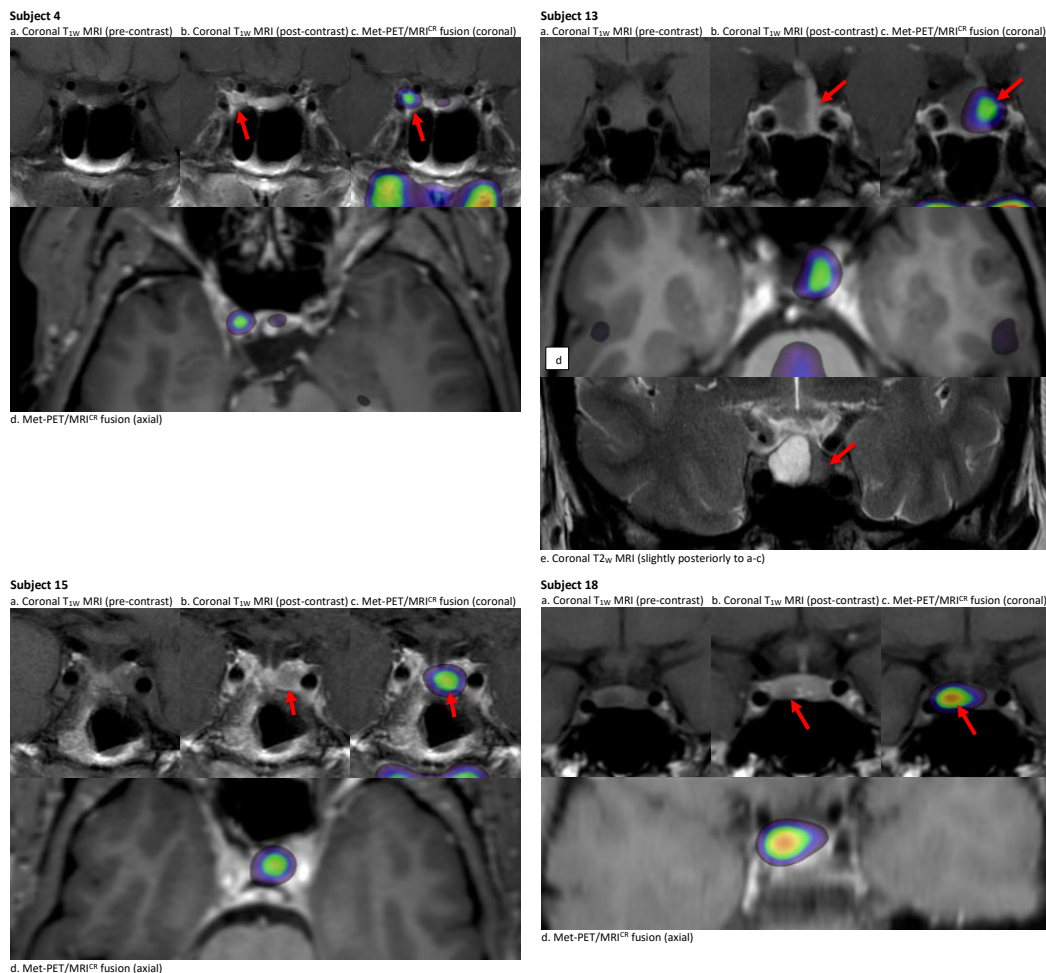


Fig. 1 Imaging in group 1: Met-PET/MRI^{CR} for confirmation (subjects 4, 13, 15 and 18). See Online Resource 1 for a detailed description per subject. T1-weighted coronal MRI pre- and post-gadolinium views and Met-PET/MRI^{CR} coronal and axial views are shown. Arrows denote the suspected site of the adenoma. Met-PET/MRI^{CR}: ^{11}C -methionine positron emission tomography co-registered with magnetic resonance imaging.

Supplementary Figure 2

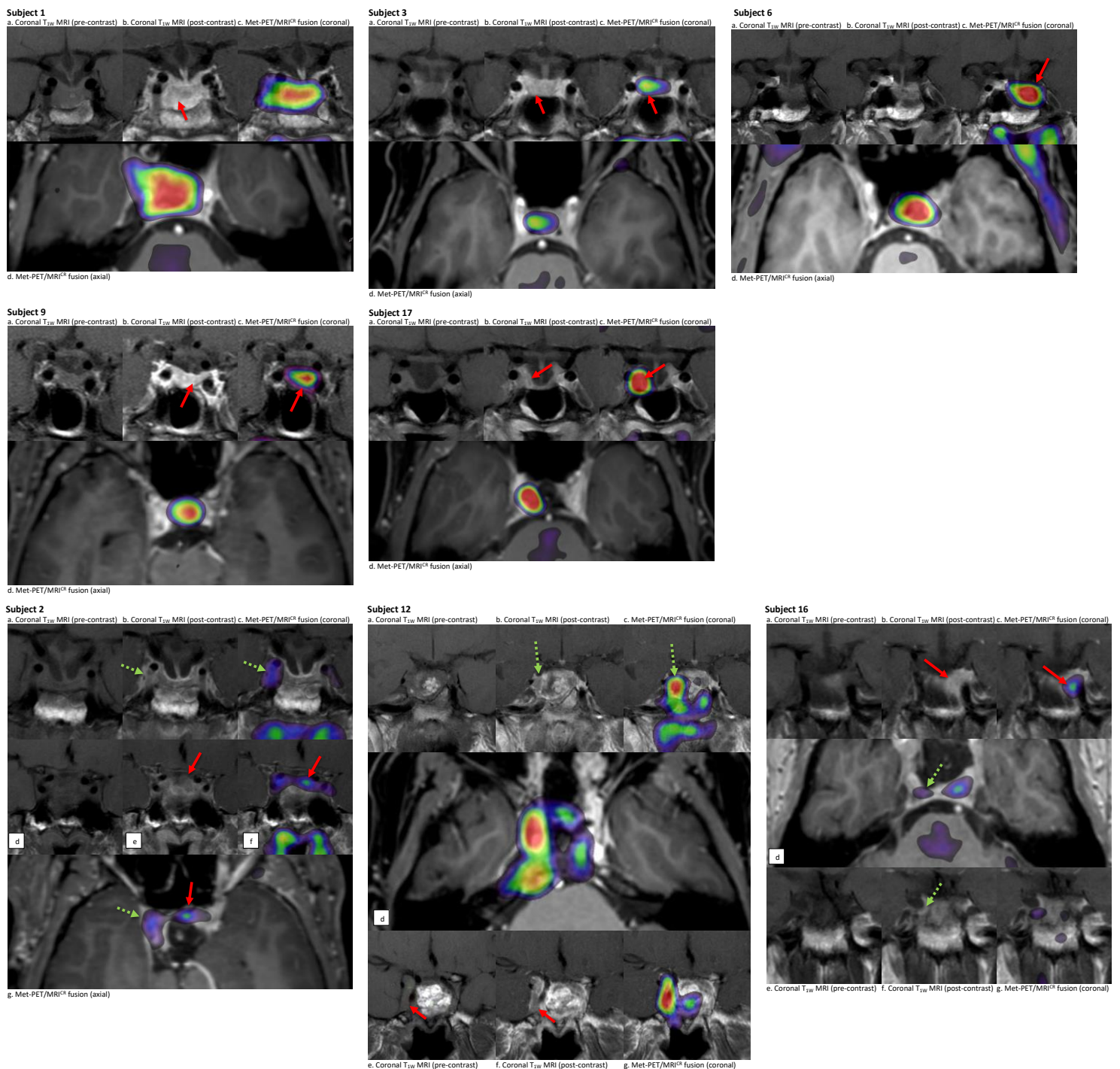


Fig. 2 Imaging in group 2: Met-PET/MRI^{CR} for additional information (subjects 1, 2, 3, 6, 9, 12, 16, 17, and 18). See Online Resource 1 for a detailed description per subject. T1-weighted coronal MRI pre- and post-gadolinium views and Met-PET/MRI^{CR} coronal and axial views are shown. Arrows denote the suspected site of the adenoma. Met-PET/MRI^{CR}: ¹¹C-methionine positron emission tomography co-registered with magnetic resonance imaging.

Supplementary Figure 3

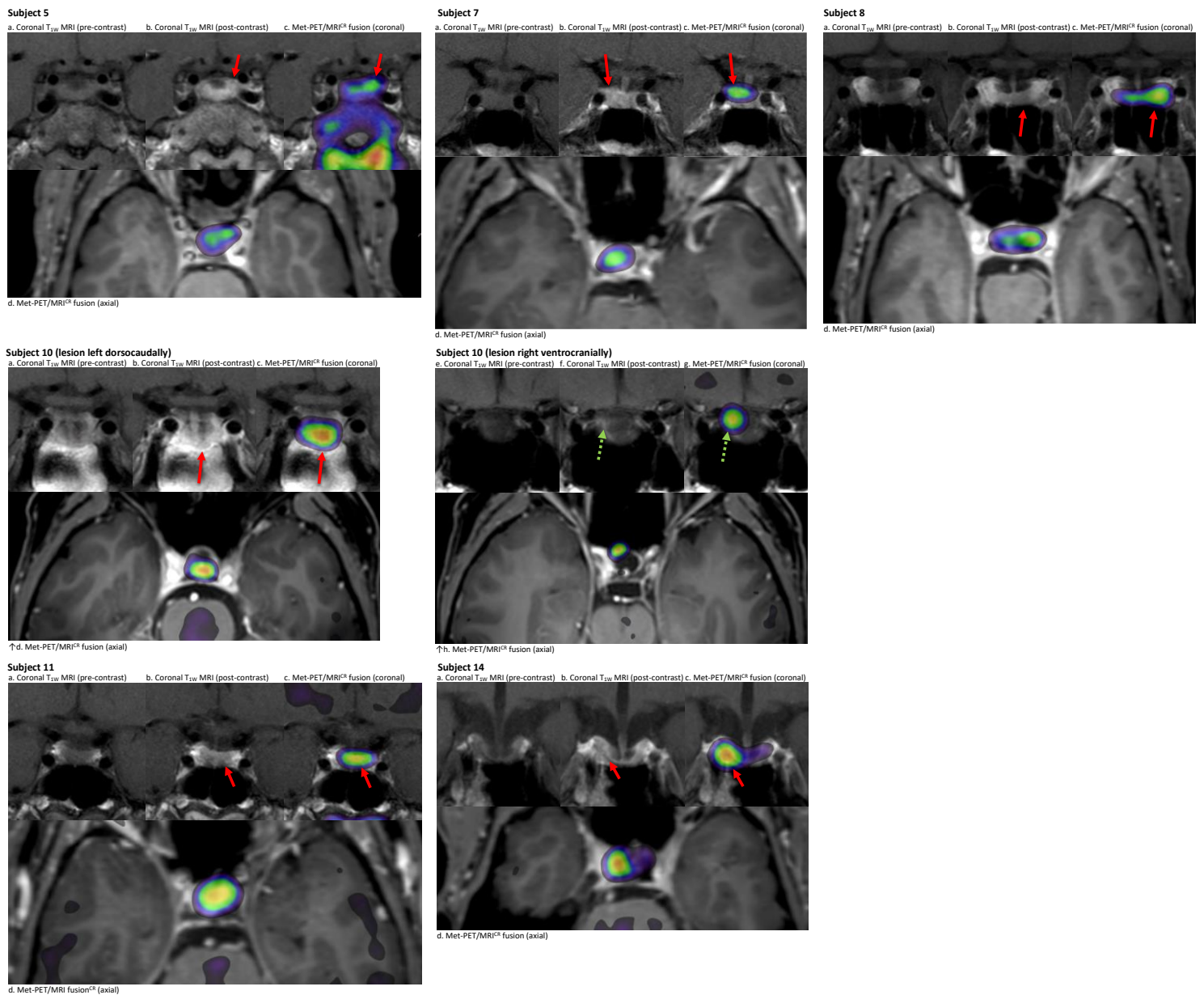


Fig. 3 Imaging in group 3: Met-PET/MRI^{CR} for diagnosis (subjects 5, 7, 8, 10, 11, 14). See Online Resource 1 for a detailed description per subject. T1-weighted coronal MRI pre- and post-gadolinium views and Met-PET/MRI^{CR} coronal and axial views are shown. Arrows denote the suspected site of the adenoma. Met-PET/MRI^{CR}: ¹¹C-methionine positron emission tomography co-registered with magnetic resonance imaging.