



Figure 3-4. Eight-year-old girl with right ear pain and swelling of right side of face with trouble chewing and swallowing. (A) CT head bone window demonstrates extensive destruction of the mastoid septae and opacification of the mastoid air cells on the right side, indicative of right mastoid abscess (arrow). (B) Noncontrast CT head demonstrates marked scalp swelling overlying the right temporal and parietal bones, suggesting a large scalp abscess overlying the right temporal and parietal bones (arrowheads). (C) Postoperative MRI brain on coronal T2 nonenhanced image reveals hyperintense signal abnormality involving the cutaneous and subcutaneous soft tissues overlying the right parietal and temporal bone, indicative of soft tissue swelling and residual exudate or fluid collection following the abscess drainage (arrows). (D, E, and F) Postoperative MRI brain coronal contrast-enhanced images demonstrate a filling defect within the lateral aspect of the right transverse sinus extending into the right sigmoid sinus (arrows), indicating occlusive thrombus within these sinuses.