

Case 11

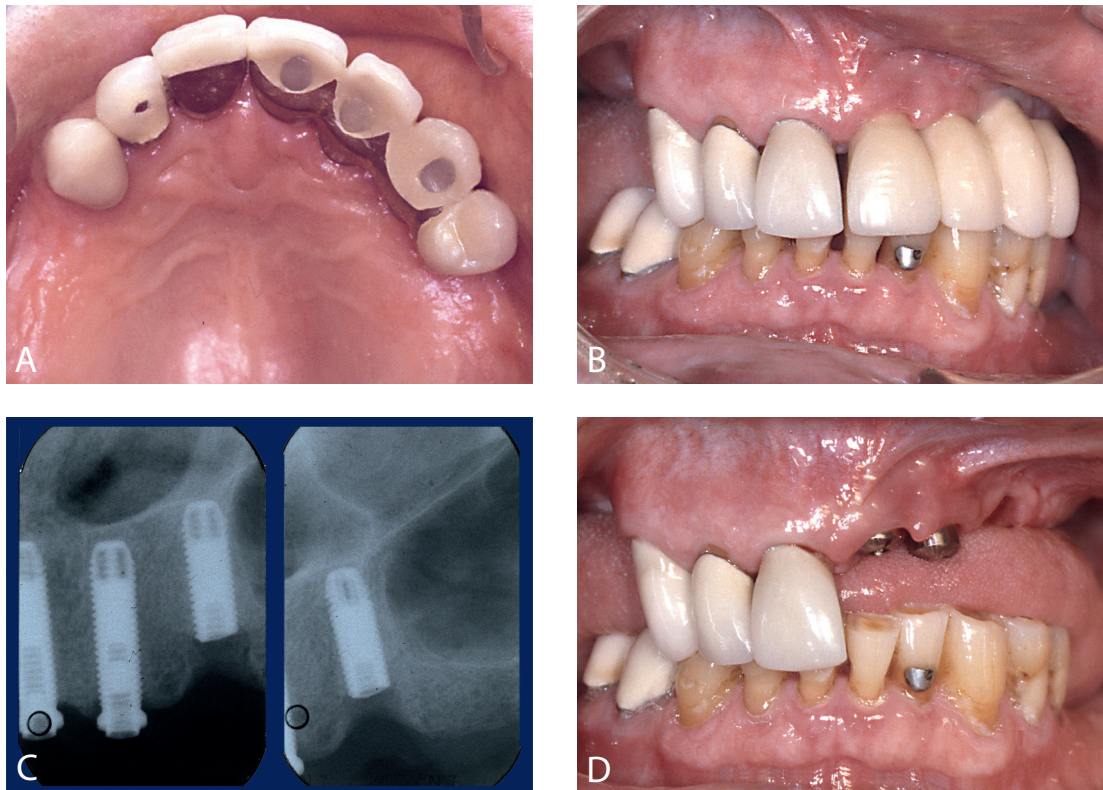


FIGURE 124.

- (A) In the first quadrant there are three single tooth supported crowns and in the second quadrant there is a screw retained implant supported FDP.
(B) When the patient clenches the implant supported FDP moves and a diastema opens up between 11 and 21.
(C) In the anterior two implants the fractured abutment screws can be seen. The posterior implant has fractured.
(D) After removal of the implant supported FDP, with healing abutments mounted on the two anterior implants.

This is a 74-year old patient with a five year-old screw retained implant supported FDP in the second quadrant. The FDP is made with standard abutments. Since about half a year the patient has noticed that the FDP wiggles, and presently fractures of the posterior implant and the abutment screws of the anterior implants could be observed. The apical fragments of the abutment screws were firmly wedged in the implants and may be very difficult to remove.

Questions:

1. Describe the supporting zones of the dentition.
2. What forces is the implant supported FDP exposed to during function?
3. What measures in connection with the rehabilitation five years ago might have reduced the risk of the serious complications recently discovered?