Nose with nasal sinuses, 5-part

This 1.5 life-sized model displays the structure of the nose with the nasal sinuses within a right upper face half.

The color-coded bone allows an external identification of the location of the nasal sinuses by taking a lateral view through the transparent skin cover. Removing the cheek bone (zygomatic bone) will reveal a view into the right maxillary sinus. In addition, the right nasal sinus, which is lined with mucosa, has been opened by a midline incision and its nasal conchae can be removed. The mucous membranes have been partially excised to reveal the olfactory nerves, the nerve supply of the lateral sinus wall, the nasal conchae and the roof of mouth.

1. Temporal bone
2. Sphenoid
3. Frontal bone
4. Location of Frontal sinus
5. Nasal bone
6. Location of ethmoidal labyrinth
7. Lacrimal bone
8. Lateral cartilage of nose
9. Major alar cartilage
10. Location of maxillary sinus
11. Maxilla
12. Zygomatic bone
13. Zygomatic arch
14. Superior constrictor
15. Levator veli palatini
16. Tensor veli palatini
17. Location of sphenoid sinus
18. Maxillary sinus
19. Frontal sinus
20. Olfactory nerves
21. Olfactory bulb
22. Olfactory tract
23. Opening of posterior ethmoidal cell
24. Posterior ethmoidal cell
25. Sphenoidal sinus
26. Posterior superior lateral nasal branches
27. Greater palatine nerve
28. Posterior inferior nasal nerve
29. Inferior nasal concha
30. Middle nasal concha
31. Internal nasal branch
32. Orifice of nasolacrimal canal
33. Opening of maxillary sinus
34. Hiatus semilunaris
35. Orifice of nasofrontal canal
36. Anterior and middle ethmoidal cells
37. Opening of frontal sinus