

# I. Scope of the Work.

## The Principal Deformities.

Tables of contents, of course, provide information by means of words regarding the scope of the work. However, one has the opportunity in a work on plastic surgery, of visually presenting the plastic surgeon's task in greater clarity; I, therefore felt it was desirable to begin the general section with a collection of pictures of the principal types of deformities to be considered. The student thereby easily gains a clear and striking overview of the scope of the work. He sees that it is more multifaceted and far more extensive than is generally believed and that both simple and quite complicated tasks are involved.

Figs. 1—16 depict the hypertrophic nasal deformities; Figs. 17—20 the crooked noses; Figs. 21—48 nasal defects; Figs. 49—76 other facial deformities; and finally Figs. 77—80, breast deformities covered in the supplement.

The variety and diversity of the tasks must, of course, be matched by the variety and diversity of the surgeon's treatments. Whereas, in simple cases, one operation as a rule suffices, complicated cases require an extensive multiple-operation plan; this sometimes places great demands on the plastic surgeon's ability to combine procedures.

Most of the deformities depicted in the "Scope of the Work" are completely evident at first glance. In other deformities, particularly those showing facial defects and lid and lip ectropions, the novice would do well to carefully compare them with the normal; he should begin his analysis of the deformity by depicting the non-deformed portion on a schematic sketch of the normal face.

For the majority of the deformities shown in the "Scope of the Work" the reader will find reference to the post-operative photographs. In cases in which such a reference is absent, post-operative photographs were not available. Most of these were pictures which I borrowed from other authors which I included because the deformities pictured seemed pertinent and correctible.

Details concerning the subjects broadly outlined above may be found in the General Section and in the appropriate chapters of the Specialized Section.



**Fig. 1. Bony and cartilaginous hump.**  
(Status following plastic surgery: see p. 94.)



**Fig. 2. Bony hump.**  
(Status following plastic surgery: see p. 97.)



**Fig. 3. Hump nose with retracted lower nasal portion.**  
(Status following plastic surgery: see p. 156.)



**Fig. 4. Long hump nose.**  
(Status following plastic surgery: see p. 152.)

**SIMPLE NASAL HYPERTROPHIES.**



**Fig. 5. Long hump nose with hanging septum.**  
(Status following plastic surgery: see p. 149.)



**Fig. 6. Low-hanging septum in a twelve year-old girl.**  
(Status following plastic surgery: see p. 150.)



**Fig. 7. Abnormal width of the bony nose.**  
(Status following plastic surgery: see p. 107.)



**Fig. 8. Abnormal width of the nasal tip and alae (the mobile portion of the nose).**  
(Status following plastic surgery: see p. 155.)

**SIMPLE NASAL HYPERTROPHIES.**



**Fig. 17. Lateral bony hump.**  
(Status following plastic surgery; see p. 188.)



**Fig. 18. Crookedness of the bony and cartilaginous nose.**  
(Status following plastic surgery; see p. 195.)



**Fig. 19. Crookedness of the nasal root.**  
(Status following plastic surgery; see p. 197.)

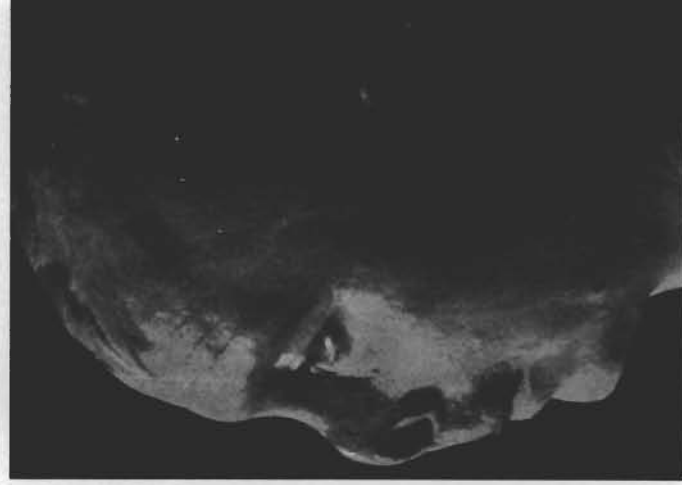


**Fig. 20. Crookedness of the floor of the nose.**  
(Status following plastic surgery; see p. 206.)



**Fig. 21. Unsuccessful plastic surgery** (performed elsewhere by the use of rib cartilage and forehead skin).

(Status following plastic surgery: see p. 165.)



**Fig. 22. Defect of both nasal alae, nasal tip and columella in a hump nose** (with lip distortions).

(Status following plastic surgery: see p. 163.)



**Fig. 23. Incomplete plastic surgery** (Fig. 406) (performed elsewhere by the use of forehead skin).

(Status following plastic surgery: see p. 209.)



**Fig. 24. "Skeleton nose" with defects of the lip and cheek** (burn case).

(Status following plastic surgery: see Chapter 13.)

#### NASAL DEFECTS.



**Fig. 25. Total defect of the nasal skin and nasal framework.** (Status following plastic surgery; see Chapter 13.)



**Fig. 26. Subtotal nasal defect.**  
(Status following plastic surgery; see Chapter 13.)



**Fig. 27. Defect of the entire nasal tip and of the adjacent alar portions.**  
(Status following plastic surgery; see Chapter 13.)



**Fig. 28. Defect of the nasal ala.**  
(Status following plastic surgery; see Chapter 13.)

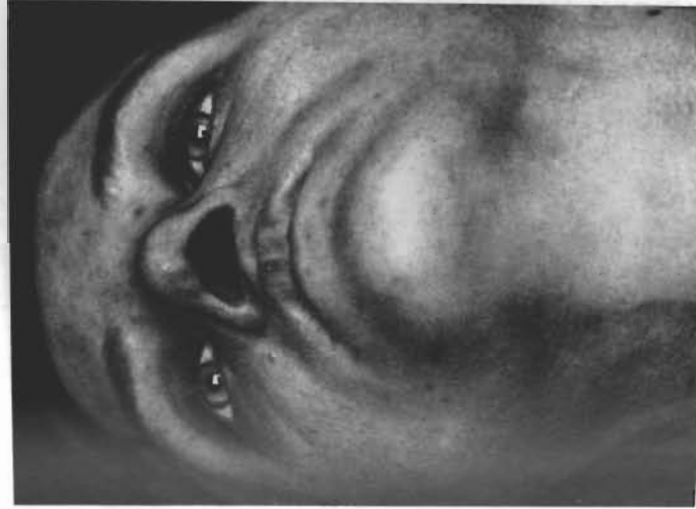
#### NASAL DEFECTS.



**Fig. 29. Bilateral total defect of the nasal alae.**  
(Status following plastic surgery: see Chapter 13.)



**Fig. 30. Partial defect of the columella.**  
(Status following plastic surgery: see Chapter 13.)



**Fig. 31. Total defect of the columella.**  
(Status following plastic surgery: see Chapter 13.)



**Fig. 32. Saddle nose with deep alar fissuring.**  
(Status following plastic surgery: see Chapter 13.)

NASAL DEFECTS.



**Fig. 33. Simple saddle nose.**

(Status following plastic surgery: see Chapter 13.)



**Fig. 34. Combination of a saddle and short nose with normal skin.**

(Status following plastic surgery: see Chapter 13.)



**Fig. 35. Saddle nose with scarred contracture.**

(Status following plastic surgery: see Chapter 13.)



**Fig. 36. Defect of the upper nasal segment (saddle and short nose).**

(Status following plastic surgery: see Chapter 13.)

## NASAL DEFECTS.





**Fig. 37. Defect of the middle vault of the nose.**

(Status following plastic surgery: see Chapter 13.)



**Fig. 38. Defect of the upper and middle nasal segments (*Nasus recurvatus*).**

(Status following plastic surgery: see Chapter 13.)



**Fig. 39. Short nose with hump.**

(Status following plastic surgery: see Chapter 13.)



**Fig. 40. Flat nose, moderate degree.**

(Status following plastic surgery: see Chapter 13.)

NASAL DEFECTS.



**Fig. 41. Flat nose, severe degree.**  
(Status following plastic surgery: see Chapter 13.)



**Fig. 42. Crooked and saddle nose, severe degree.**  
(Status following plastic surgery: see Chapter 13.)



**Fig. 43. One-sided defect of the nose.**  
(Status following plastic surgery: see Chapter 13.)



**Fig. 44. Defect of the middle lengthwise segment of the nose.**  
(Status following plastic surgery: see Chapter 13.)

## NASAL DEFECTS.



**Fig. 45. Cleft nose (Schlizzorhinia).**  
(Status following plastic surgery: see Chapter 13.)



**Fig. 46. Hole in the upper nasal segment.**  
(Status following plastic surgery: see Chapter 13.)



**Fig. 47. Nasal fistula and tip defect.**  
(Status following plastic surgery: see Chapter 13.)



**Fig. 48. Total defect of the external skin of the nose in a severe burn case.**  
(Status following plastic surgery: see Chapter 13.)



**Fig. 49. Frontal bone defect; skin intact.**  
(Status following plastic surgery: see Chapter 14.)



**Fig. 50. Mid-line frontal-bone defect and forehead-skin defect.**

(Status following plastic surgery: see Chapter 14.)



**Fig. 51. Frontal-bone defect and forehead-skin defect with lid deformities.**

(Status following plastic surgery: see Chapter 14.)



**Fig. 52. Major forehead-skin defect with ectropion of the upper eyelids.**

(Method: see Chapter 14.)

#### FOREHEAD DEFECTS.



**Fig. 53. Defect of the orbital roof.**  
(Status following plastic surgery: see Chapter 14.)



**Fig. 54. Defect of the orbital floor.**  
(Status following plastic surgery: see Chapter 15.)

#### ORBITAL DEFECTS.



**Fig. 55. Total defect of the lower eyelid.**  
(Status following plastic surgery: see Chapter 15.)



**Fig. 56. Sub-total upper lid defect.**  
(Status following plastic surgery: see Chapter 15.)

#### LID DEFECTS.



**Fig. 57. Lip fistulae.**

(Status following plastic surgery: see Chapter 16.)



**Fig. 58. Double lip.**

(Status following plastic surgery: see Chapter 16.)

#### LIP DEFORMITIES.



**Fig. 59. Lateral crookedness of the upper lip  
with major nasal defect.**

(Status following plastic surgery: see Chapter 16.)



**Fig. 60. Hanging lower lip.**

(Status following plastic surgery: see Chapter 16.)

#### LIP DEFORMITIES.



**Fig. 61. Total defect of the upper lip and partial defect of the maxilla.**

(Status following plastic surgery; see Chapter 16.)



**Fig. 62. Partial defect of the upper and lower lip with ectropion of the upper and lower lids.**

(Status following plastic surgery; see Chapter 16.)



**Fig. 63. Drooping cheeks with folds of the neck skin.**

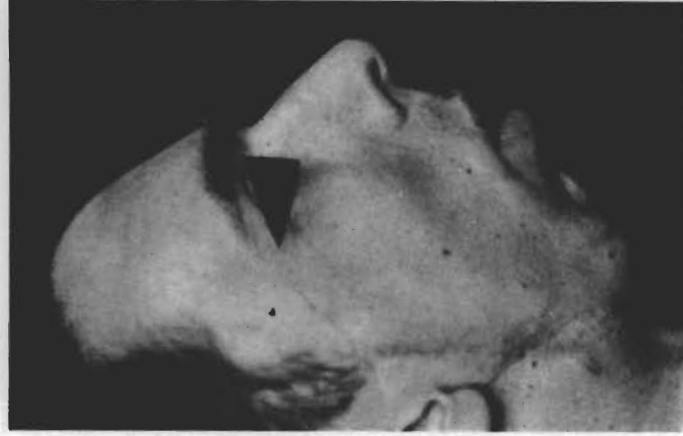
(Status following plastic surgery; see Chapter 17.)



**Fig. 64. Combination of cheek and nasal defects.**

(Status following plastic surgery; see Chapter 17.)

#### CHEEK DEFORMITIES.



**Fig. 65. Major defect of the chin.**  
(Status following plastic surgery; see Chapter 18.)



**Fig. 66. Major defect of the mandible.**  
(Status following plastic surgery; see Chapter 18.)



**Fig. 67. Defect of the maxilla with subtotal defect of the nose.**  
(Status following plastic surgery; see Chapter 18.)

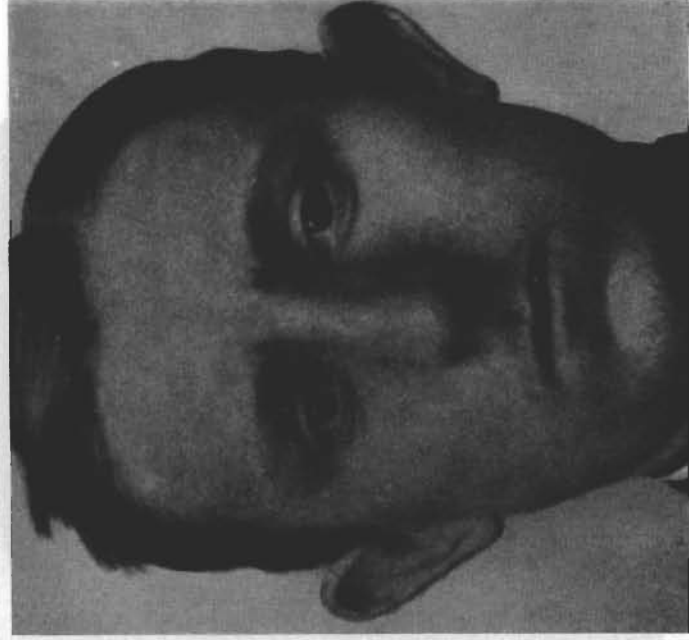


**Fig. 68. Maxillary and major nasal defects with defects of the lip and lid distortion.**  
(Status following plastic surgery; see Chapter 18.)





**Fig. 69. Gigantism of one ear (Macrotia).**  
(Status following plastic surgery: see Chapter 19.)



**Fig. 70. Severely protruding ears (donkey ears).**  
(Status following plastic surgery: see Chapter 19.)

#### EAR HYPERTROPHIES.



**Fig. 71. Partial defect of the ear.**  
(Status following plastic surgery: see Chapter 19.)



**Fig. 72. Ear bent backward (Auris recurvata).**  
(Status following plastic surgery: see Chapter 19.)

#### EAR DEFECTS.



**Fig. 73.** Combination of total defects of the maxillae, cheeks, upper lip and nose.  
(Status following plastic surgery: see Chapter 17.)



**Fig. 74.** Combination of total defect of the nose with major lip and lid defects.  
(Status following plastic surgery: see Chapter 16.)

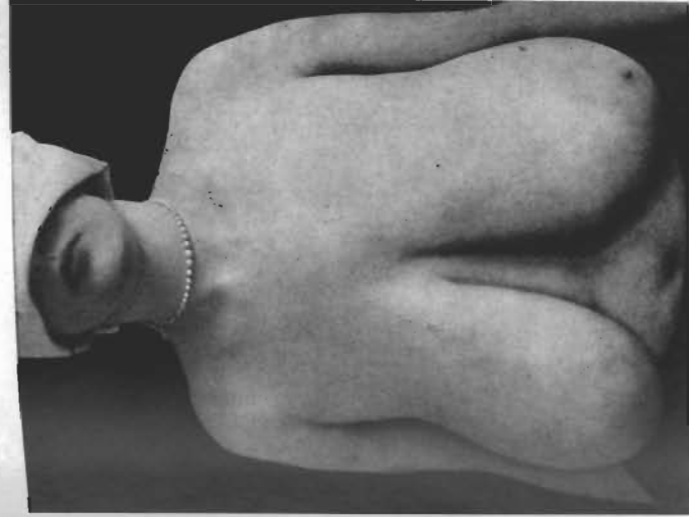


**Fig. 75.** Combination of total nasal and total upper-lip defects.  
(Status following plastic surgery: see Chapter 13.)



**Fig. 76.** Combination of subtotal nasal and maxillary defects.  
(Status following plastic surgery: see Chapter 13.)

#### COMBINATION OF MAJOR FACIAL DEFECTS.



**Fig. 77. Voluminous benign hypertrophy of the breasts.**  
(Status following plastic surgery: see Addendum "Mammoplasty".)



**Fig. 78. Excessive benign hypertrophy of both breasts.**  
(From the lecture material of Prof. Fick, Director of Anatomy of the University of Berlin.)



**Fig. 79. Excessive benign hypertrophy of one breast.**  
(From Wiener klin. Wochenschr. 1901, p. 66.)



**Fig. 80. Polymastia (Hypermastia).**  
(L. Seitz in Chirurgie der Brustdrüse by Kirschner and Nordmann.)