

an adenoma by enucleation. All symptoms relieved. In addition to infolding there was chronic inflammation and increase in connective tissue.

CASE III.—Mrs. D., aged 54. Two years ago noticed a small lump on the left lobe of the thyroid; has grown rapidly. On examination found one large and one small tumor in left lobe, largest, size of a large orange and other of a walnut, evidently cystic. No tachycardia, no tremors, no exophthalmos, no evidence of Graves's disease; pulse 80. Operation: removed left lobe and isthmus. In this case there was, in addition to the infolding and budding of epithelium, chronic inflammation with a lot of lymphoid and plasma cells and considerable colloid; no increase in connective tissue.

CASE IV.—Mrs. E., aged 39. For ten years had general enlargement of the thyroid, commenced when carrying first child. No tremors, no nervousness or ocular symptoms. Difficulty in swallowing; pulse 84. Hypertrophy and dilatation of epithelium; infolding and budding and much hyperplasia.

CASE V.—Miss F., aged 28. Has had "swelling of throat" for eight or nine years, which of late has caused some difficulty in breathing. Has taken thyroid extract with benefit. Of late the goitre has been increasing rapidly. On examination found an evenly enlarged thyroid, soft and vascular; pulse 98. No exophthalmos, no tremors, but only complains of breathlessness on exertion. Examination by larynx revealed pressure on the right side of the trachea opposite the fourth to the seventh rings of the trachea. Right lobe and isthmus removed. Much relieved by operation and was practically well six months later. Microscopic examination showed infolding of acinal epithelium in places and much hyperplasia; in others acini dilated with colloid and flattened epithelium.

CASE VI.—Miss A. H., aged 26. Six years ago noticed a small lump on the right side of the neck; grew very little until a few months before admission to Hospital under Dr. Bazin. Lately has been troubled with difficulty in swallowing and shortness of breath on exertion. Growth on right side and size of a goose egg. Pulse 78. No tremors, no exophthalmos or nervousness, absolutely no signs of Graves's disease. The growth was removed and on microscopical examination showed well-marked infolding and budding of acinal epithelium, with large areas of