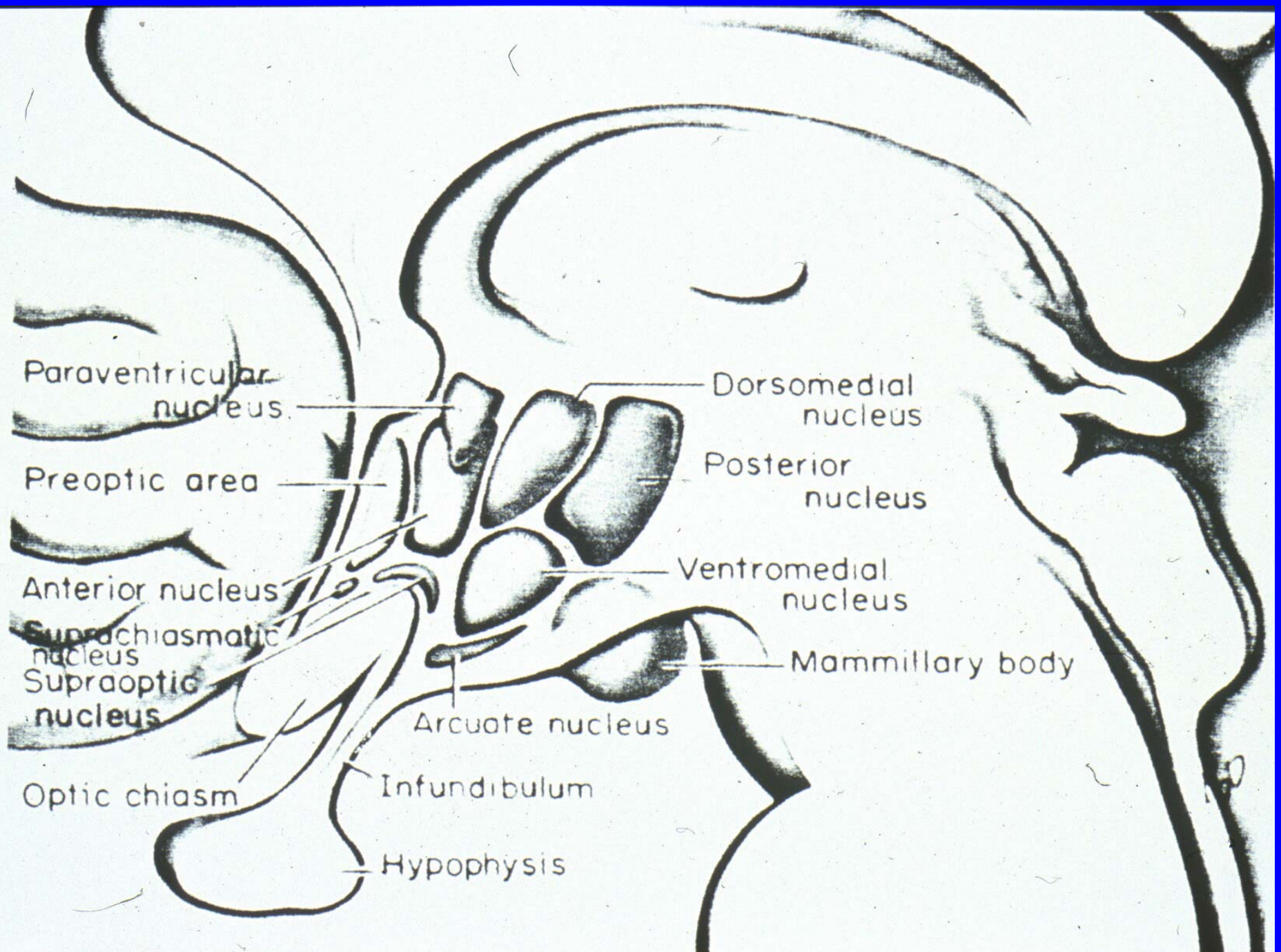
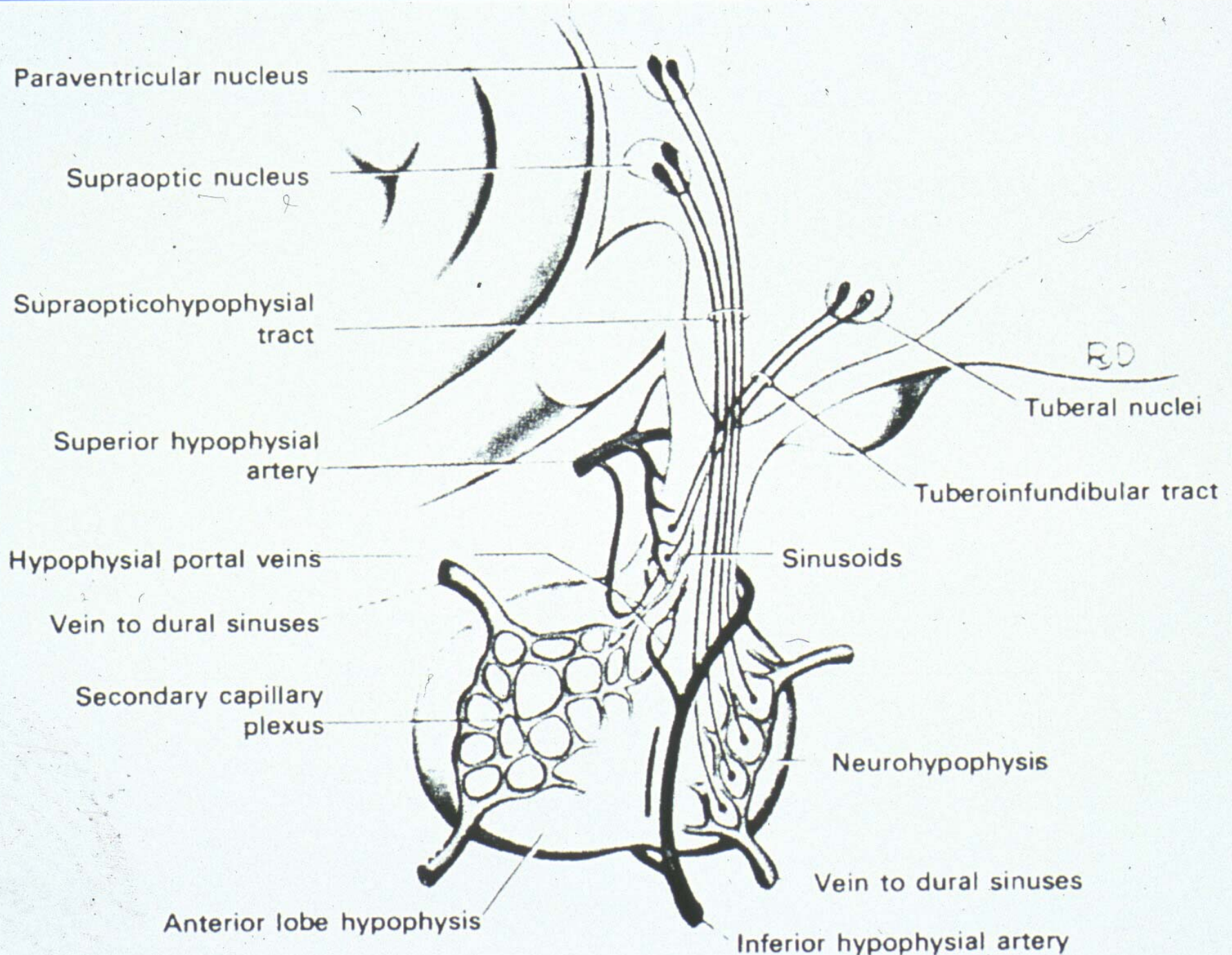


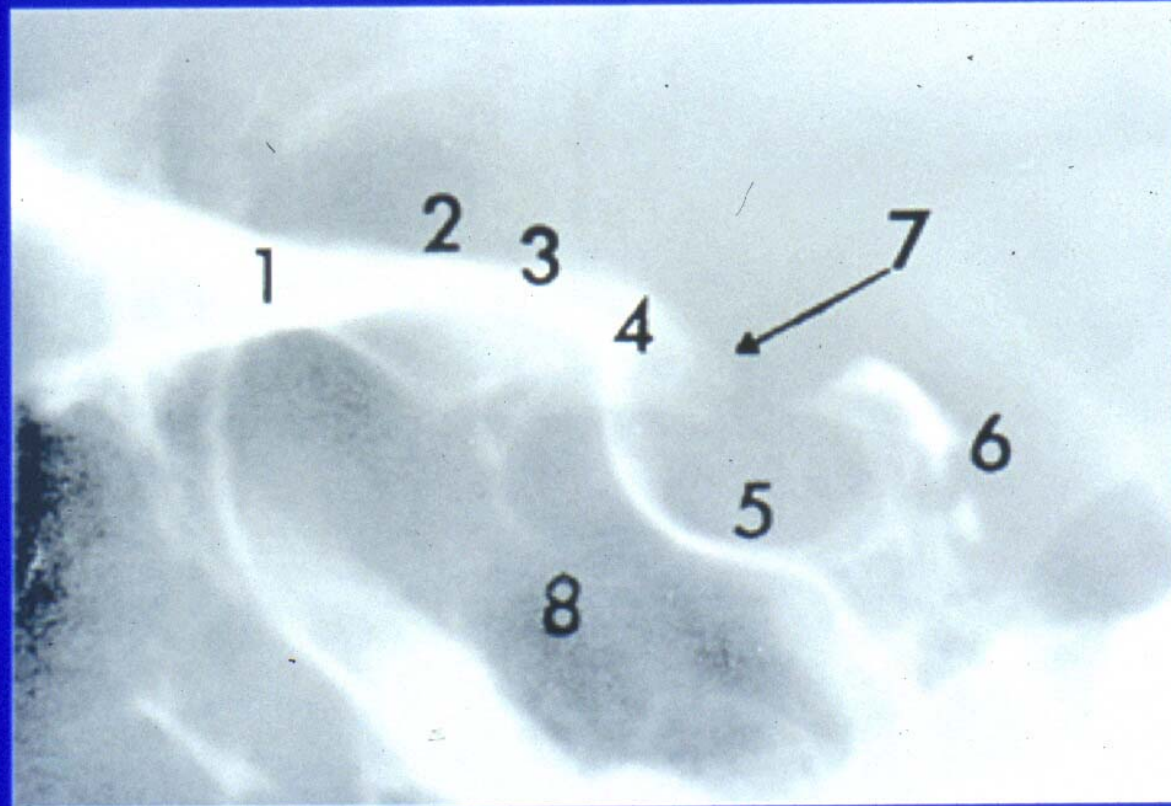
脳下垂体の病気

埼玉医科大学総合医療センター
内分泌・糖尿病内科

(医学生教育用にのみ使用 COPYしたり配布してはいけません)







X-ray トルコ鞍（側面より）

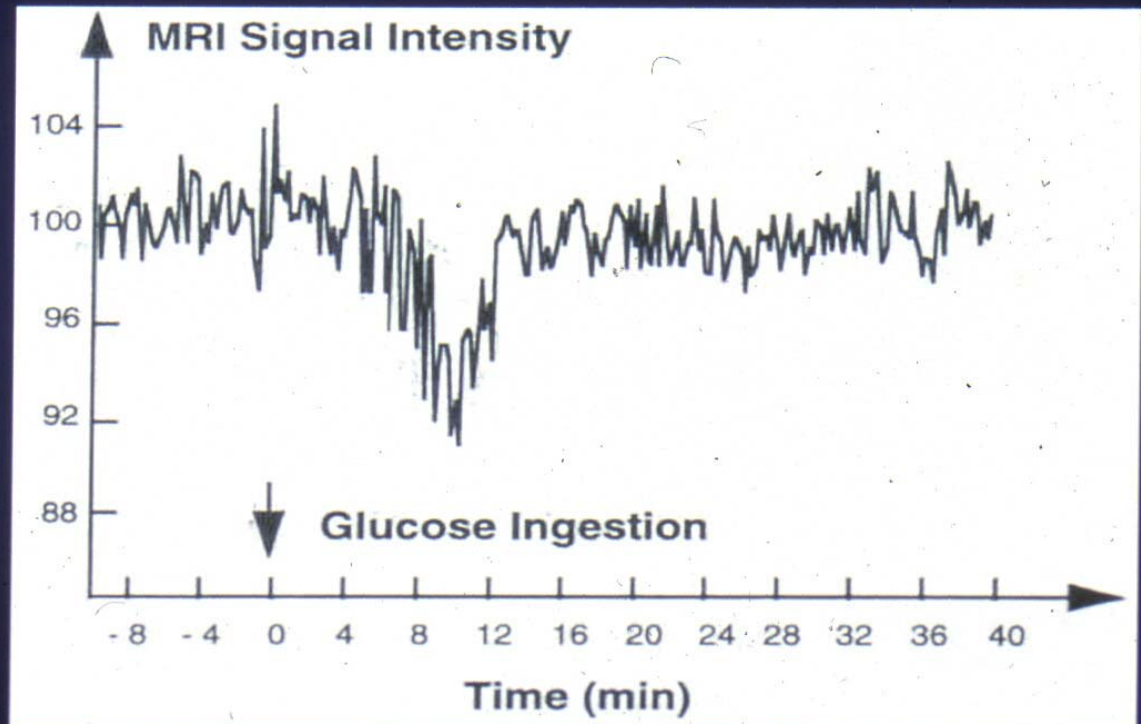
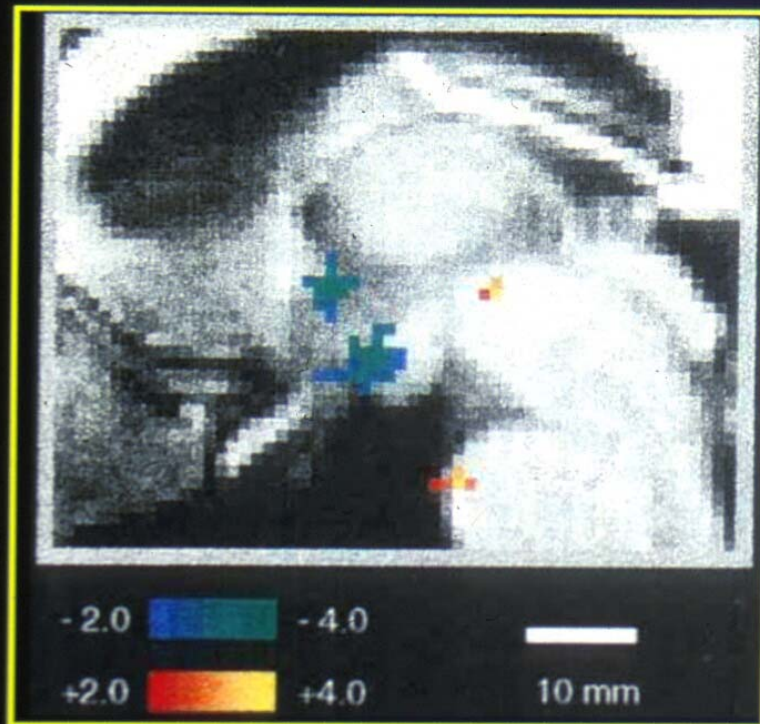
(1) 蝶形骨面, (2) 蝶形骨縁, (3) 視交叉溝, (4) 鞍結節, (5) 硬膜とトルコ鞍底, (6) 鞍背, (7) 床突起, and (8) 蝶形骨洞.

[From SM Wolpert, in The Pituitary Adenoma, KD Post et al (eds). New York, Plenum, 1980.]



Coronal T1-weighted MRI scan 視交叉上の視床下部の後部 (*)
下垂体前葉 (1), 海綿静脈洞・頸動脈 (5), 視索 (14), 下垂体茎 (17),
側頭葉内側 (24), 第3脳室 (III). (From DJ Quint, 1992.)

fMRI Response in Obese Subject



ホルモン測定の評価

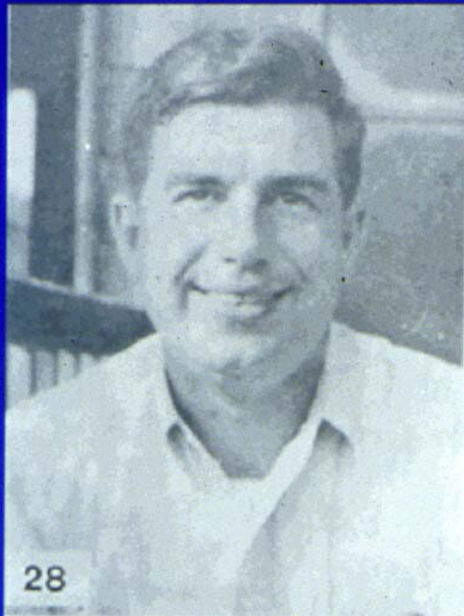


作用する
ホルモン濃度

標的組織 の障害		作用ホルモンの分泌亢進／ 作用障害
	正常範囲	
作用ホルモ ン産生障害		標的ホルモ ンの自律的 分泌亢進

標的ホルモン濃度





Serial photographs of a patient with acromegaly taken at ages 28, 49, 55, and 65 years, 6 months after removal of a GH-secreting adenoma. Note the gradual increase in the size of the nose, lips, and skin folds, particularly the nasolabial skin fold and forehead. (From S Reichlin, Med Grand Rounds 1:9, 1982.)



Acromegaly 顔 術前







03.10:01 +C
HF +6.0NA
AP +28.0
LR -24.0
SAG
00°
3.0mm

H

1994/09/01 09:18:31
Gd-DTPA 13cc

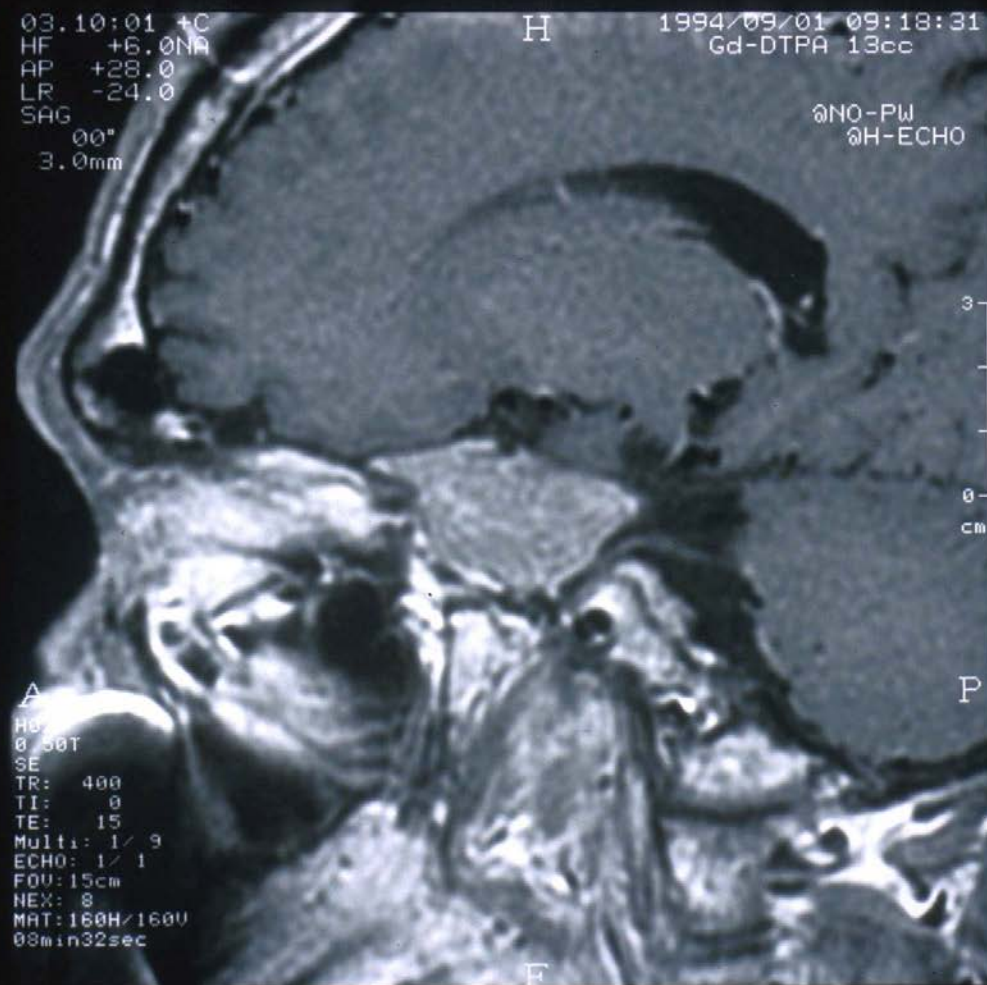
QNO-PW
QH-ECHO

3
0
cm

P

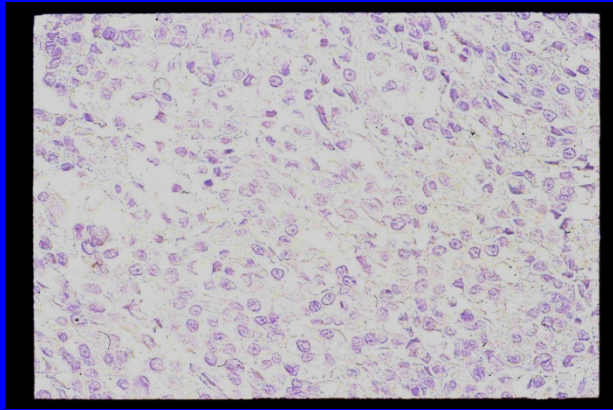
A
H0
0.50T
SE
TR: 400
TI: 0
TE: 15
Multi: 1/ 9
ECHO: 1/ 1
FOV: 15cm
NEX: 8
MAT: 160H/160V
08min32sec

F

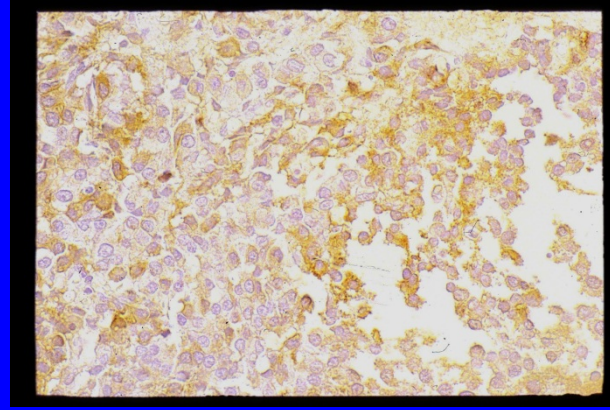




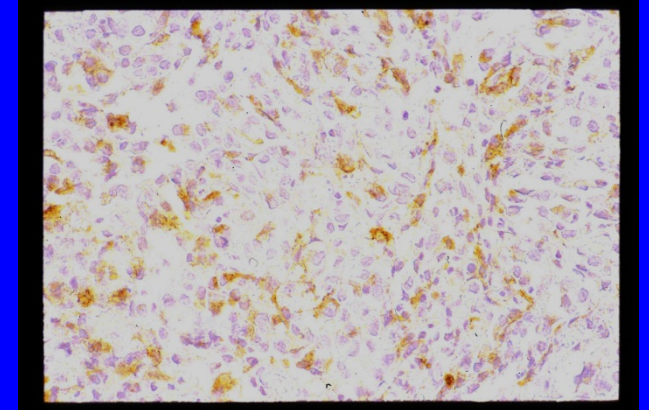
術後3年



Anti-ACTH negative



Anti-GH positive



Anti-PRL positive



Prolactinoma



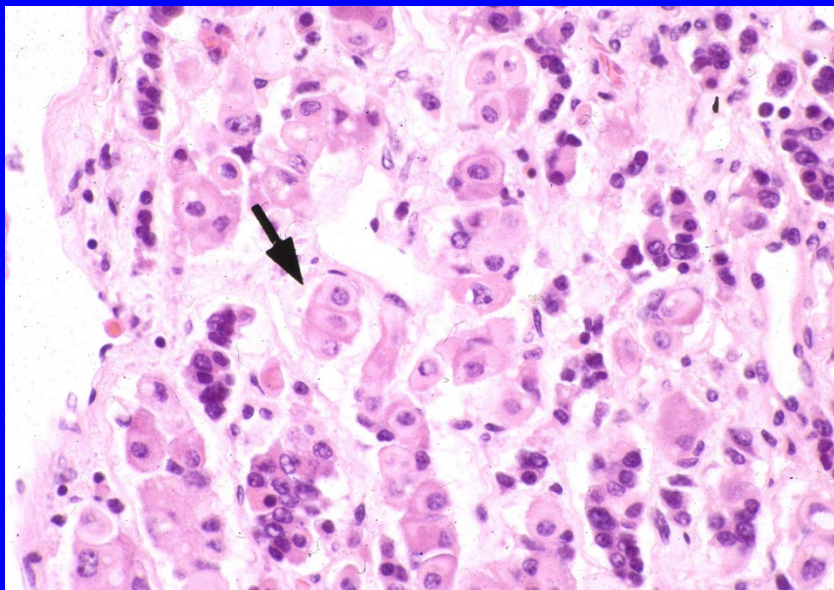
Cushing's disease



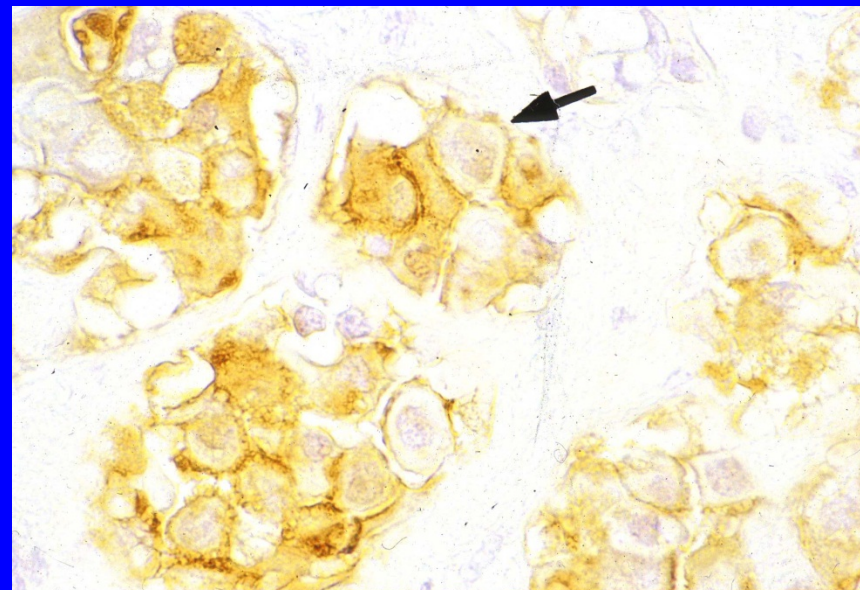
Cushing's disease



術後



矢印: Crooke変性



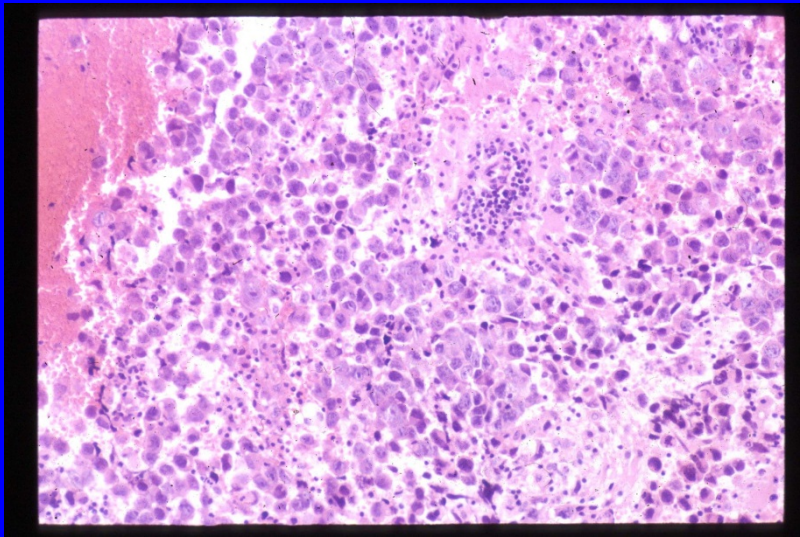
Anti-ACTH positive
矢印: Crooke細胞



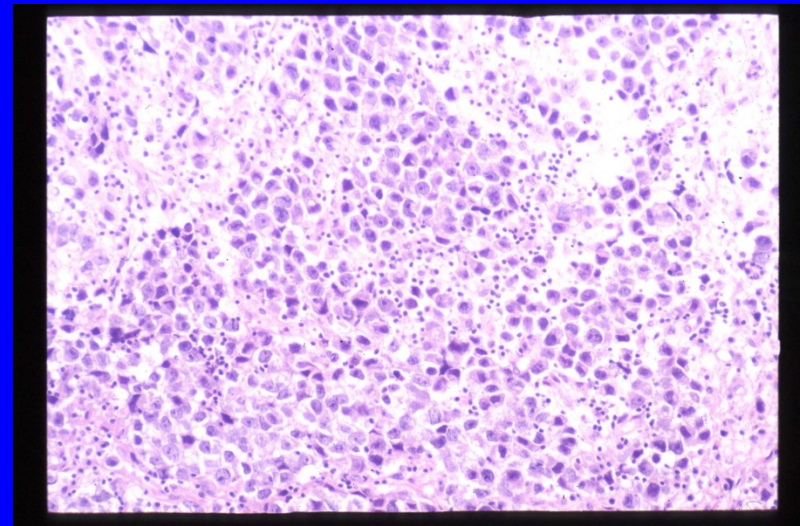
体質性小人症



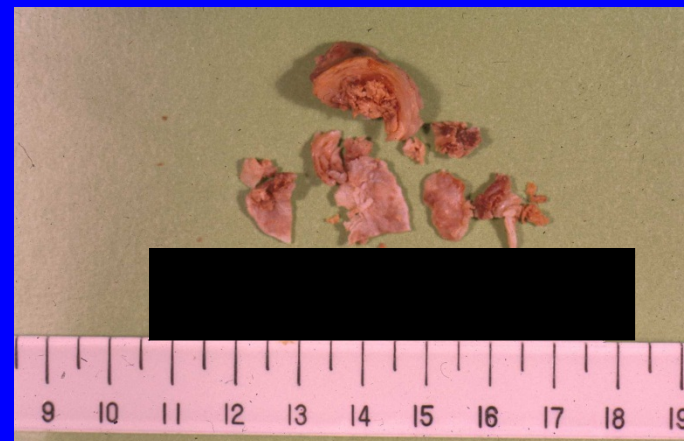
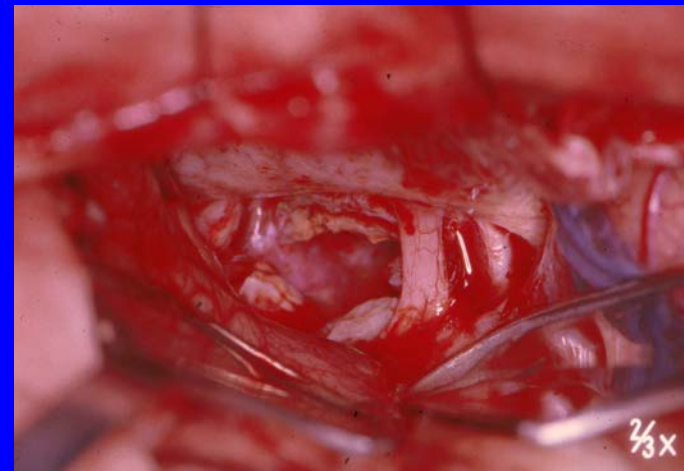
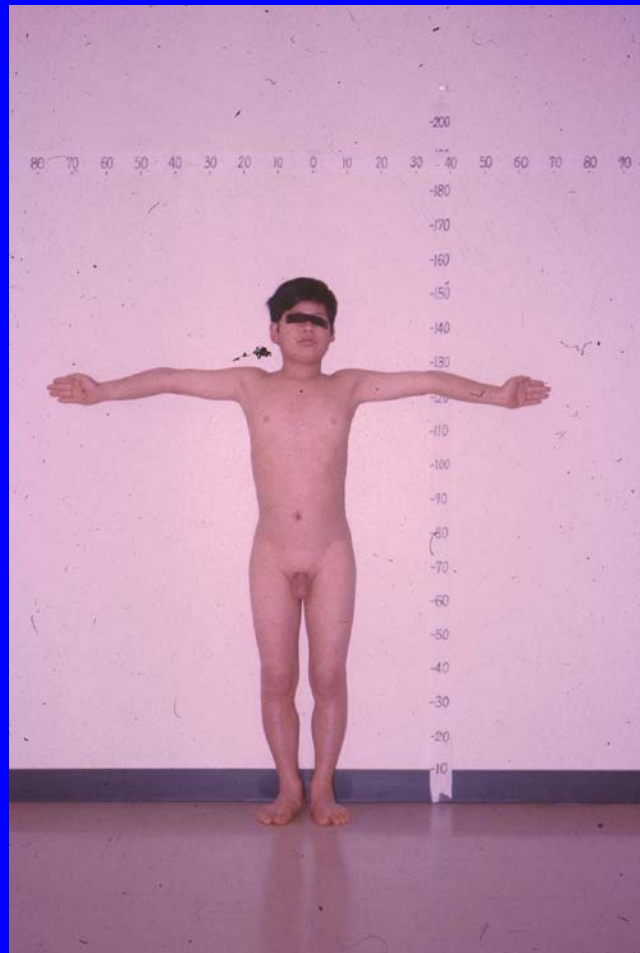
Pinealoma



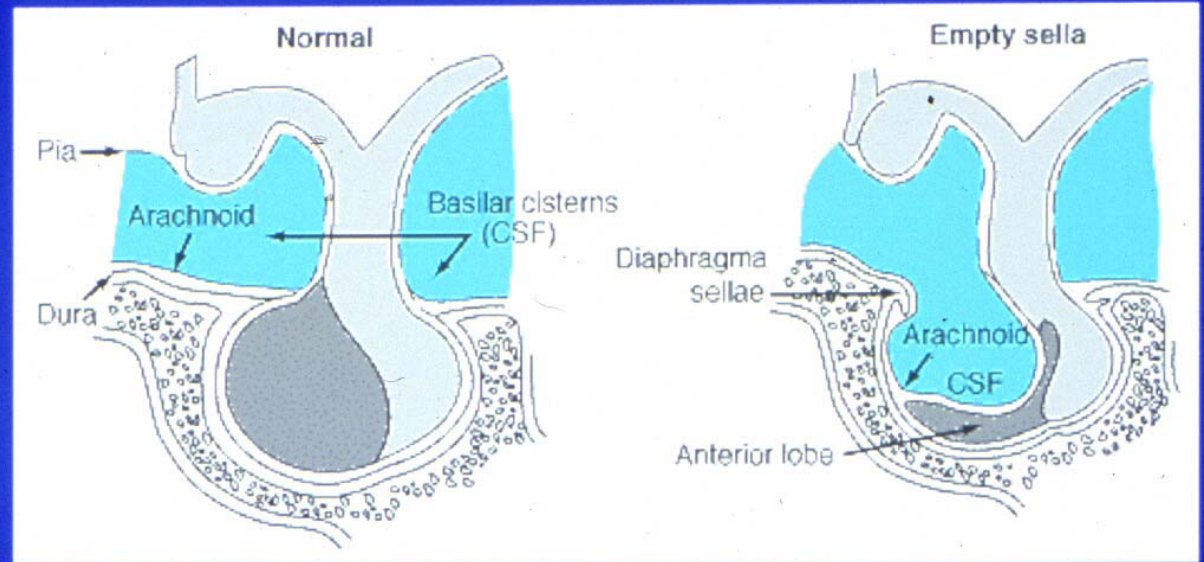
Germinoma two cell pattern



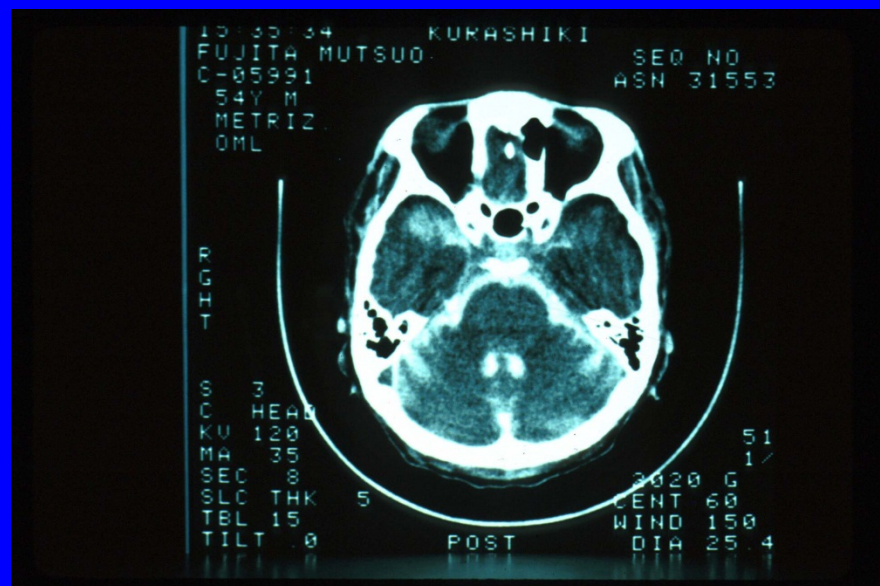
Germinoma



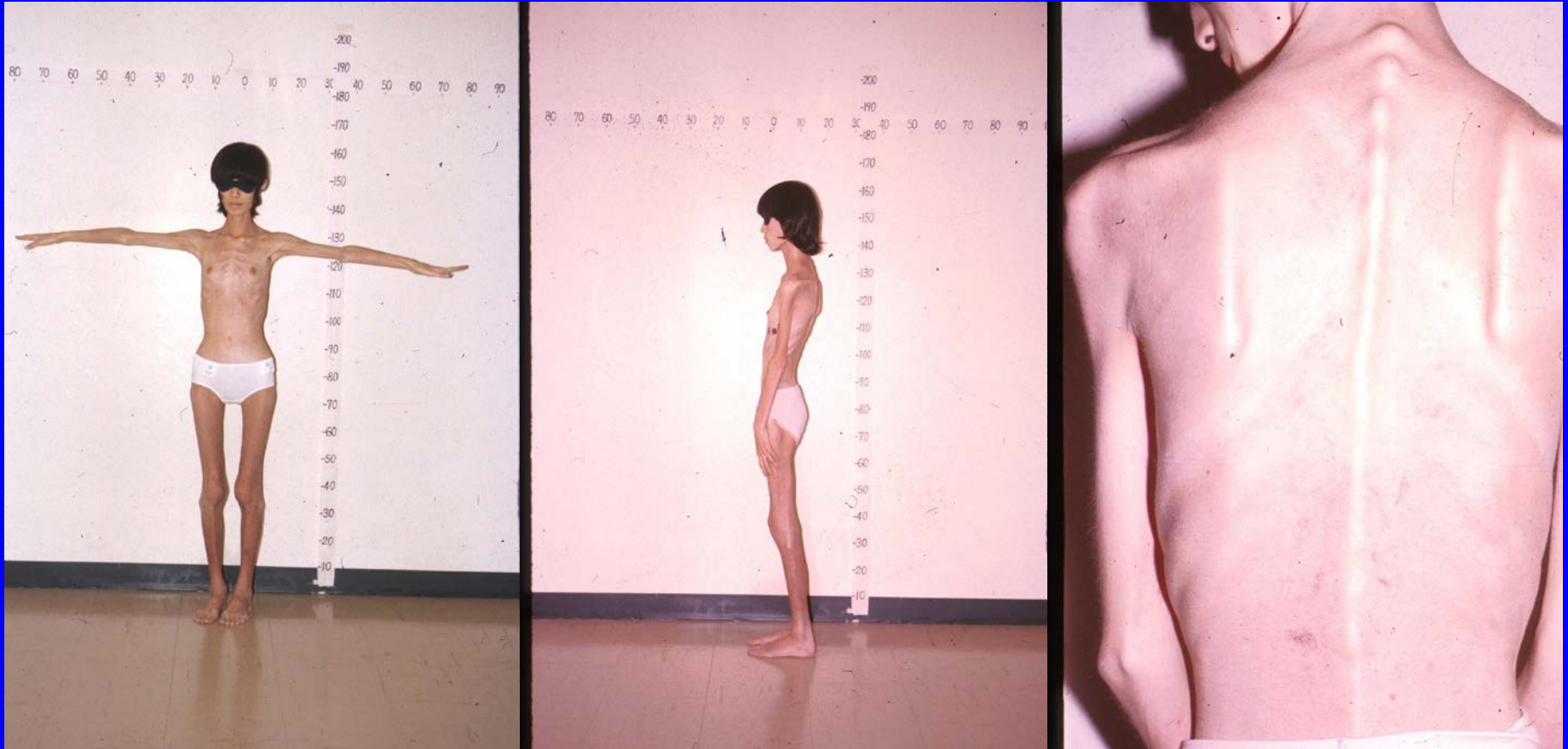
22yo Craniopharyngioma



Empty sella. Coronal contrast-enhanced T1-weighted MRI scan through the pituitary region demonstrates an enlarged sella turcica (arrows) with normally enhancing pituitary tissue (16) displaced inferiorly. Note the optic chiasm (13) and intracavernous carotid artery (5). (From DJ Quint, 1992.)



Empty Sella Syndrome



Anorexia Nervosa



Anorexia Nervosa



Simple obesity

