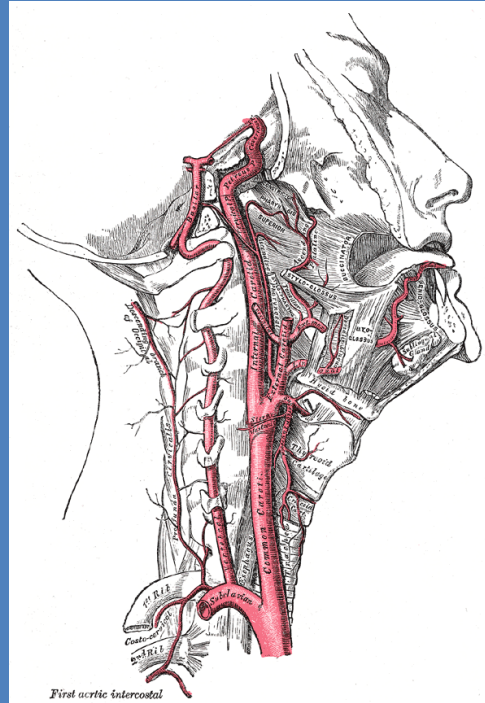
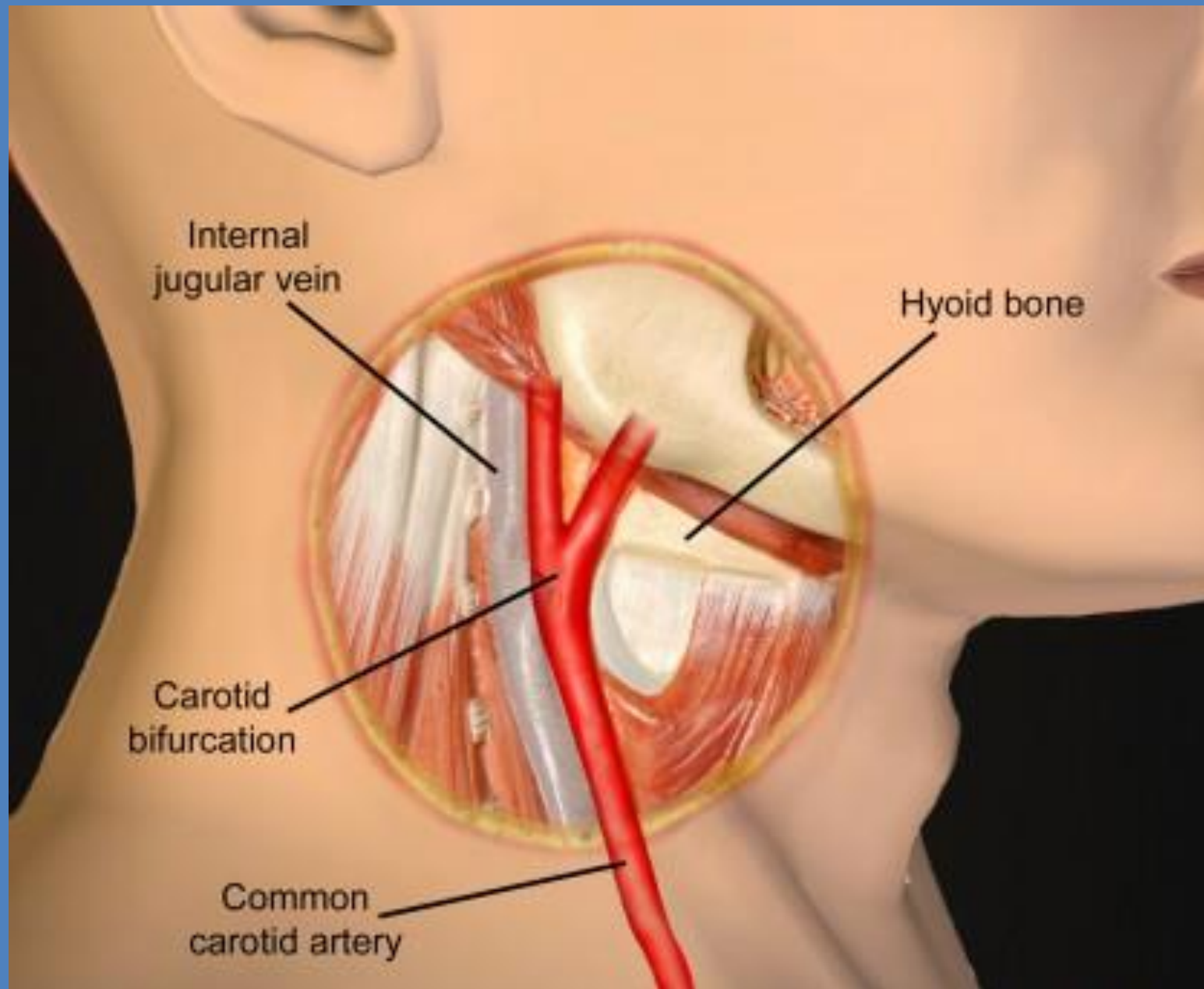


Carotid Body Tumor



Dr.h.Parsa
Vascular surgeon



تاریخچه

1743 ← Haller

500 مورد ← 1971

1000 مورد ← 1980

انواع CBT

Sporadic(most- common)

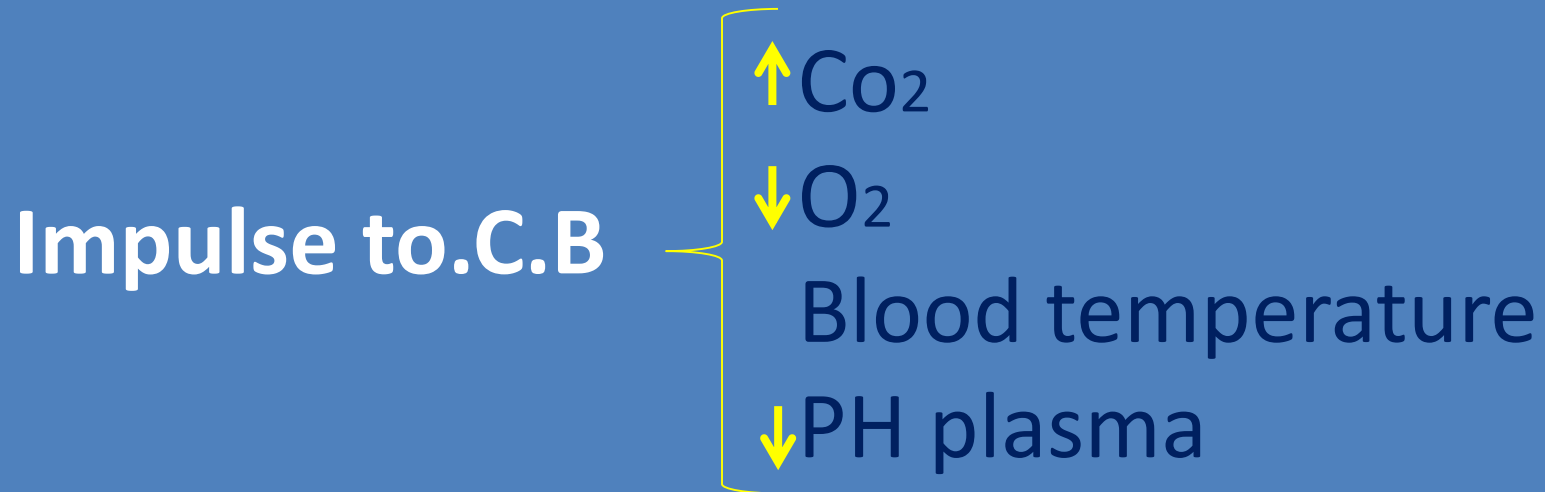
Familial (<10% autosomal –Dominant)

Hyperplastic(- COPD-CHF)

Normal carotid body

- 0.5× 0.5cm post of carotid bifurcation .
- The largest chemoreceptive tissue in body.
- Blood supply from E.C.A

Small nerve fiber arising from C.B and
join to XII



منشاء جنین شناسی

- Third Branchid arch
- Both → ectoderm and mesoderm

C.B.T → Neoplastic growth of chemoreceptor

C.B.T → Most commonly non functional (chromaffin Neg)

CBT → Is highly vascular and benign
lesion

Rare malignant behavior is malignant

علائم بالینی

Incidental neck mass below the
angle of mandible

60% pain less Neck mass

10% pain full neck mass

cranial nerve palsy

3rd or 4th decade of life

Familial 30% bilateral

Non familial 2-20% bilateral

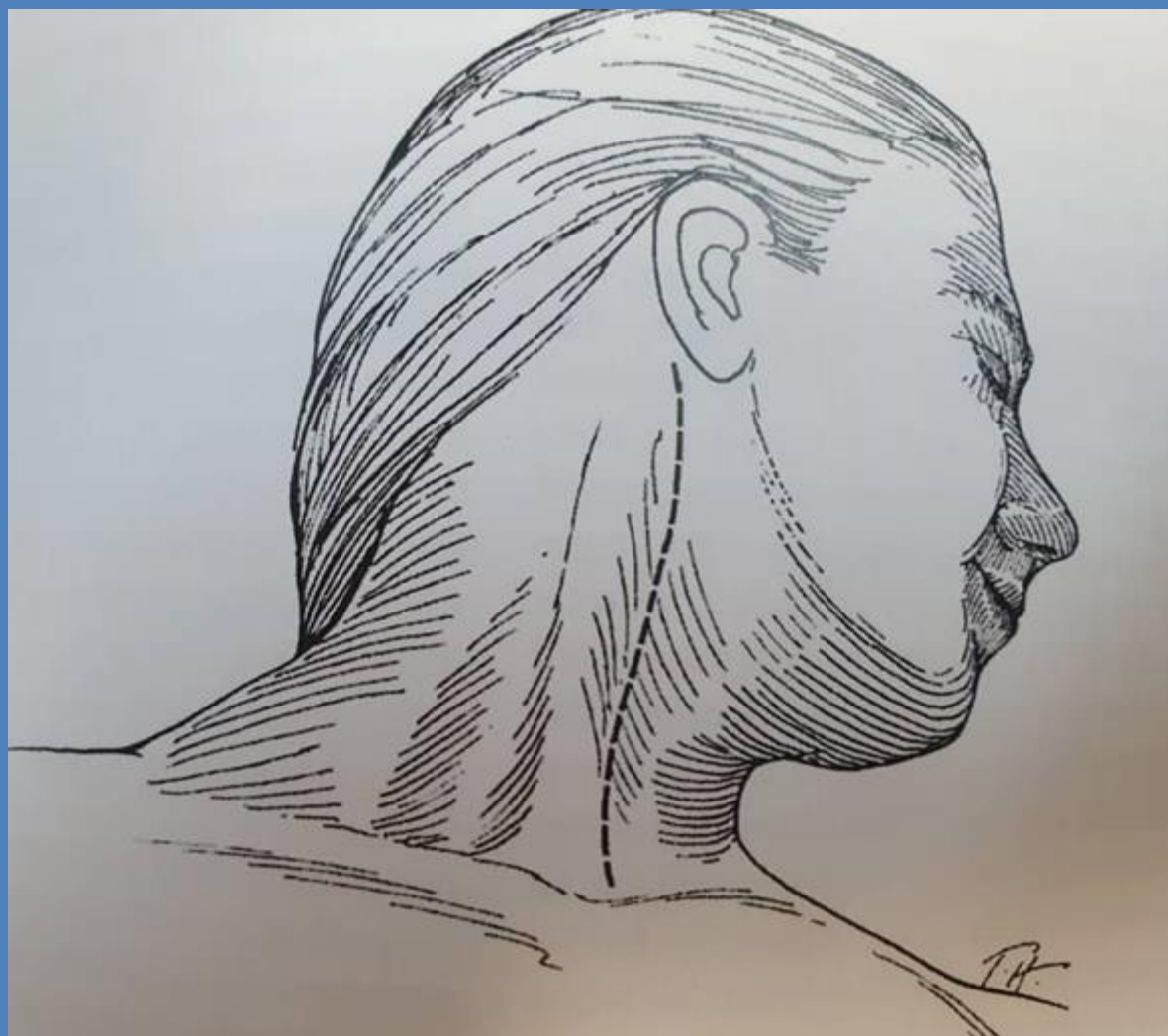
**Longitudinally limited more
readily more lateral**

30-40% have bruit

روشهای تشخیص

- ✓ Conventional angiography
- ✓ Coloar Doppler
- ✓ CT.Angiography
- ✓ MR.Angiography

Perioperative Angio embolization



carotid body
tumor

internal carotid
artery

common carotid
artery

