



**GYNAECOMASTIA**

## **DEVELOPMENT OF BREAST TISSUE IN MEN**

**AN ENLARGEMENT OF 0.5 CM OF BREAST  
TISSUE**

# CLASSIFICATIONS

- **1<sup>ST</sup> CLASSIFICATION-**  
**TRUE**  
**PSEUDO**
- **2<sup>ND</sup> CLASSIFICATION-**  
**CONGENITAL      ACQUIRED**  
**1. PHYSIOLOGIC**  
**2. PATHOLOGIC**

# SIMON CLASSIFICATION

• GRADE	ENLARGEMENT	SKIN LAXITY
• 1	SMALL	ABSENT
• 2A	MODERATE	ABSENT
• 2B	MODERATE	PRESENT
• 3	LARGE	PRESENT

**Key:****LH:** Luteinizing hormone**HCG:** Human chorionic gonadotropin**T:** Testosterone**E<sub>2</sub>:** Estradiol**T<sub>4</sub>:** Thyroxine**TSH:** Thyroid-stimulating hormone**USS:** Ultrasound scanning

Gynecomastia

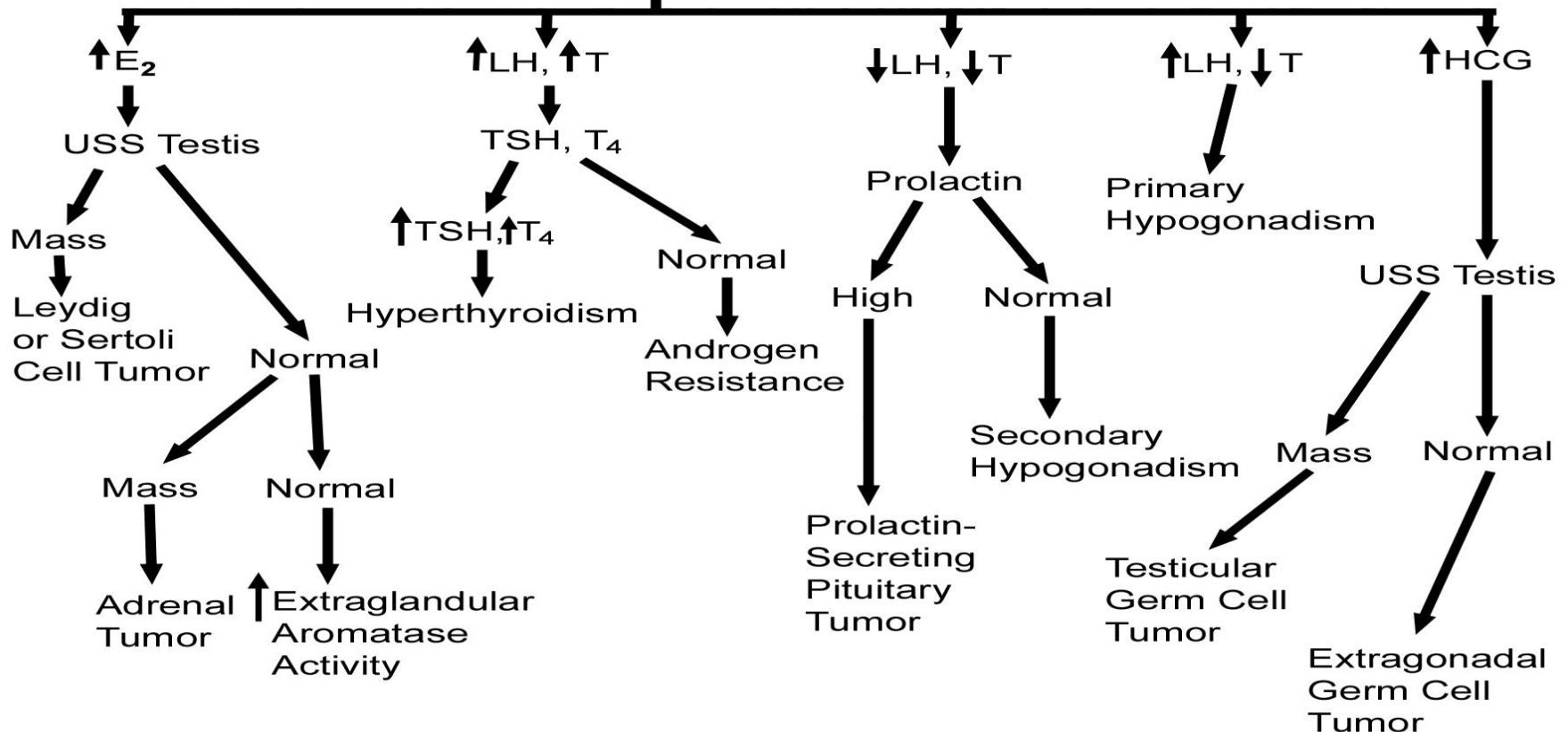
History and Examination → Usually sufficient diagnosis

Serum HCG, LH, T, E

Normal

Idiopathic 75%

Abnormal 30%



# CONGENITAL GYNAECOMASTIA

## **PHYSIOLOGIC :**

NEONATAL

PUBERTAL

SENILE

## **PATHOLOGIC :**

HYPOGONADAL

ANDROGEN RESISTANCE

ENZYMATIC DEFECT OF TESTOSTERONE SYNTHESIS

CONGENITAL ANORCHISM

KLINEFELTER SYNDROME

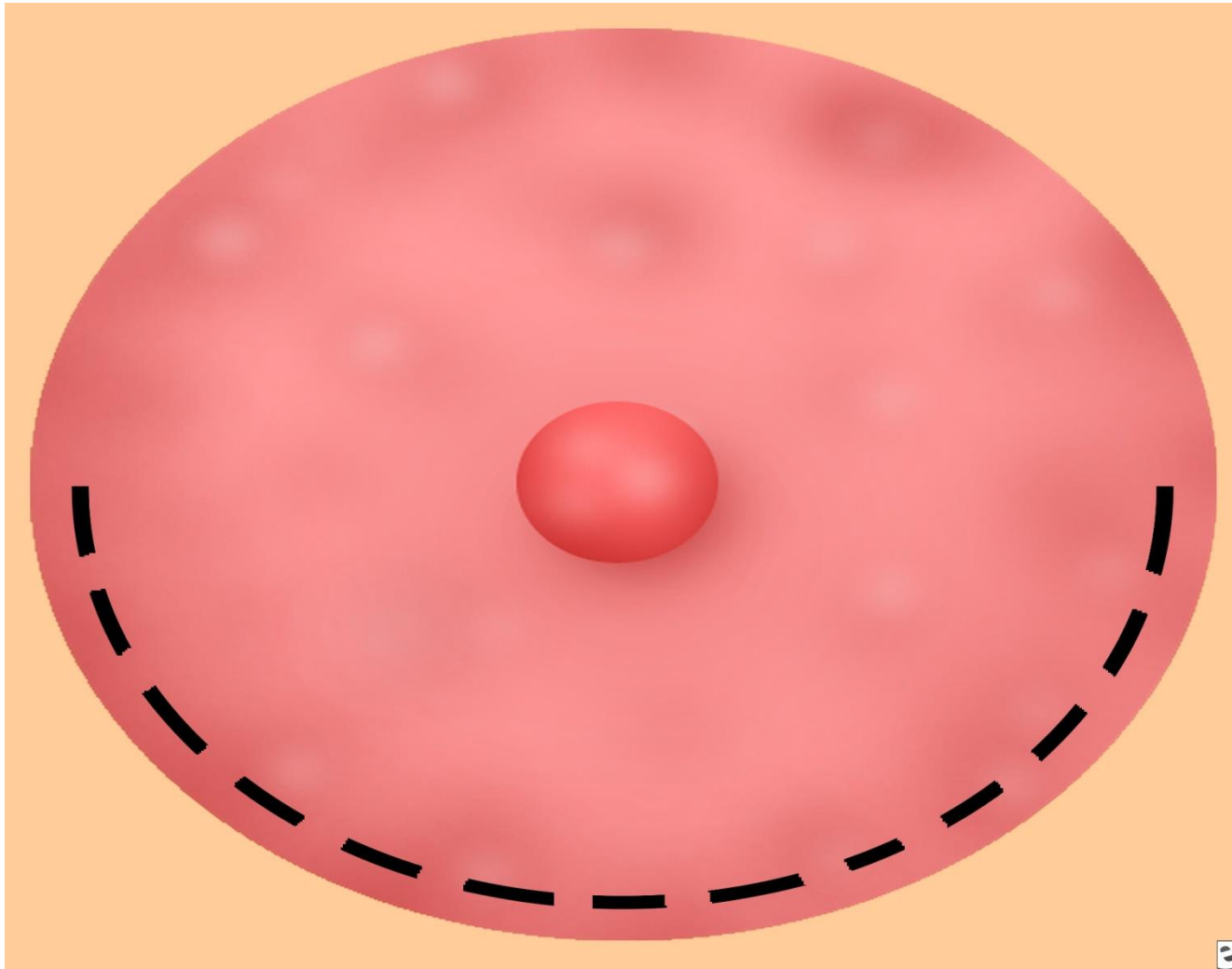
HYPERESTROGENIC

TRUE HERMAPHRODITISM

CONGENITAL ADRENAL HYPERPLASIA

ELEVATED PERIPHERAL AROMATASE

# INFERIOR SEMICIRCULAR AREOLA INCISI





- PERIAREOLAR INCISION PREFERABLY BE **WAVY** RATHER THAN SEMICIRCULAR TO PREVENT FROM BEING NOTICED AND AVOID AN OPERATED LOOK.

( AS DESCRIBED BY DR. WOFFLES WU, SINGAPORE  
stealth incision )

# **GRADE 1**

- **SMALL PROTUBERANCE OF FIBROUS TISSUE BELOW THE AREOLA.**
- **SIMPLE EXCISION THROUGH SMALL PERIAREOLA OR TRANSEVERE INCISION .**
- **29% NIPPLE RETRACTION**
- **S A L OR U A L IS THE TREATMENT AS AN ADJUNCT TO EXCISION**

## **GRADE 2**

- **EXCISION AND S A L IS THE TREATMENT OPTION.**
- **S A L IS SATISFACTORY TREATMENT FOR LARGER BREAST WITHOUT PTOSIS AND WITHOUT EXCESSIVE FIBROSIS.**

## **GRADE 3**

- **PTOSIS IS NOT SEVERE---SUCTION LIPECTECTOMY AND REPEAT AFTER 3MONTHS.**
- **PTOSIS IS SEVERE--- SKIN REDUCTION IN COMBINATION WITH SUB CUTANEOUS MASTECTOMY WITH NIPPLE GRAFTING.  
( INFRA MAMMARY INCISION )**

# **TUMESCENT SOLUTION FOR S A L**

- **NORMAL SALINE 100ML**
- **2 AMPS 1 IN 1000ADRENALINE**
- **2% XYLOCAINE 20ML**
- **0.5% BUPIVACAINE 5ML**
- **SODABICARB 10ML**
- **HYALURONIDASE 1500 I U**
- **TRIAMCINOLONE 10 mg/ml 1 ml.**



