# PCOS SUCCESS: WHAT ACTUALLY IS DCOS?

"Polycystic Ovarian Syndrome (PCOS) is a complex endocrine & metabolic condition"

# Androgens

The Ovaries produce roughly:

→25% of the Testosterone →50% of the Androstenedione → 20% of the DHEA (not DHEA-s) The female Adrenals produce roughly:

→25% of the Testosterone →50% of the Androstenedione →80% of the DHEA →100% of the DHEA-s

The other **50% of Testosterone** in women is made in **adipose tissue** via androstenedione conversion

# Diagnosis...

To be diagnosed with PCOS, you must present with 2 out of the 3 following criteria

1. The appearance of 'polycystic' ovaries on an ultrasound

2. Symptoms or blood work that shows elevated androgens ('male' hormones)

3. Irregular or absent menstrual cycles

# What Happens in PCOS?

#### 'Stuck in puberty'

#### Androgens interfere with ovulation

Not just a 'hormone' condition

## The Underlying Drivers...

#### **INSULIN RESISTANCE**

#### INFLAMMATION

#### **CHRONIC STRESS**

# Health risks...

Infertility

**Type 2 diabetes** 

**Metabolic syndrome** 

**Cardiovascular disease** 

**Endometrial cancer** 

## The BENEFITS of PCOS?!



## WARRIOR WOMEN

## IMPROVED FERTILITY OVER 35

