
1st Presentation:
Demographic: Female, 28 yrs, Not pregnant, North America

Clinical features extracted from the case and entered into the query box:
oligomenorrhea
infertility

Synonyms used by Isabel for the above query:
oligomenorrhea
infertility

STOP!

Before you read further you might want to construct your own:
- Final diagnosis

In the following section you will find:
- The final diagnosis of the case
- Did Isabel suggest the final diagnosis

Final Diagnosis of the case according to NEJM:
(i) Acromegaly
(ii) Pituitary adenoma

Was the final diagnosis given by Isabel:
Yes, Acromegaly and pituitary adenoma under pituitary neoplasms in Endocrine
Isabel Differential:

Demographic: Female, 32 yrs, Not pregnant, North America

Clinical features extracted from the case and entered into the query box:
- acne
- facial hair growth
- persistent frontal headaches
- nasal discharge
- decreased libido
- hot flashes
- palpitations
- amenorrhea
- floaters in vision
- chronic back pain and stiffness
- weight gain
- snoring
- fatigue
- daytime somnolence
- acanthosis nigricans
**Synonyms used by Isabel for the above query:**
- acne
- facial hair growth
- nasal discharge
- decreased libido
- hot flashes
- palpitations
- amenorrhea
- floaters in vision
- weight gain
- snoring
- fatigue
- daytime somnolence
- acanthosis nigricans

**STOP !**

**Before you read further you might want to construct your own:**
- Complete differential diagnosis
- Final diagnosis

**In the following section you will find:**
- The differential diagnosis constructed by the MGH panel
- The final diagnosis of the case
- Which of the MGH panel differential diagnoses did Isabel contain
- Did Isabel suggest the final diagnosis

**Differential Diagnoses considered by the MGH panel:**
Polycystic ovary syndrome

**Final Diagnosis of the case according to NEJM:**
Acromegaly and Pituitary adenoma

**Differential Diagnoses of the case as given by Isabel:**
Polycystic ovary syndrome in Gynecology

**Was the final diagnosis given by Isabel:**
Yes, Acromegaly and Pituitary adenoma under pituitary neoplasms in Endocrine
**Isabel Differential:**

**Enter Clinical Features**
- **Age:** adult (30-39 yrs)
- **Gender:** female
- **Pregnancy:** not-pregnant

**Refrine search:**
- **Travel History:** North America

**Show me:**
- diagnoses
- causative drugs
- bioterrorist agents

**Enter clinical features, no negatives, no numbers:**
- acne
- facial hair growth
- persistent frontal headaches
- sexual desire
- decreased libido
- hot flashes
- palpitations
- amenorrhea
- blisters in vision
- chronic back pain and stiffness
- weight gain
- smearing

**Diagnoses**

**Most Relevant**
- Polycystic Ovarian Syndrome
- Pituitary Neoplasms
  - Pituitary Adenoma
    - Acromegaly

**Why did this diagnosis come up?**
We matched the terms: hot flashes | hot flash | decreased sexual interest | hot flashes | hot flash | amenorrhea | amenorrhea | fatigue | frontal | headache | headaches | pain

**Degree of match between query entered and Isabel database (hot clinical probability):** 58%

- Renal Failure
- Lyme Disease
- Sinusitis
- Sleep Apnea
- Herpes
- Hyperthyroidism
- HAIRAN Syndrome
- Cushing's Syndrome