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**Case 21 (July 15 2010):** [N Engl J Med. 363\(3\):276-283](#)

**Demographic:** Female, 36 yrs, Not pregnant, North America

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

collapsed during air travel  
oral contraceptive pill

**Synonyms used by Isabel for the above query:**

oral contraceptive pill

**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:**

Pulmonary thromboembolism

**Was the final diagnosis given by Isabel:**

Yes, Pulmonary thromboembolism in Respiratory

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**Isabel Differential:**

**enter clinical features** | synonyms

age\*

gender  female  male

pregnancy

**Refine search:**

travel

history:

show me:

diagnoses

causative drugs

bioterrorist agents

Enter clinical features, no negatives, no numbers: ⓘ

+ add a clinical feature

**get checklist** >

clear search

Isabel is not meant to replace your clinical judgment.

**diagnoses**

**Most Common**

sort by:  action:

show:

|   |                            |
|---|----------------------------|
| Deep Vein Thrombosis ▼  | ? HEMAT                    |
| ☒ Cirrhosis   | ? HEPATO                   |
| ☒ Esophagitis Disorders   | ? GASTRO                   |
| Pulmonary Thromboembolism ▼   | <input type="radio"/> RESP |
| <b>Why did this diagnosis come up ?</b> ⓘ   |                            |
| We matched the terms: oral contraceptive   oral contraceptive pill   oral contraceptive pills   oral contraceptives |                            |
| Degree of match between query entered and Isabel database (Not clinical probability): 34%                           |                            |
| ☒ Pneumothorax ▼  | ? RESP                     |
| ☒ Intestinal Obstruction  | ? GASTRO                   |
| Sarcoidosis   | ? RESP                     |
| ☒ Vulvovaginitis / Vaginitis  | ♀ ? GYNE                   |
| Abnormal Uterine Bleeding   | ♀ ? GYNE                   |
| Mastalgia   | ♀ ? GYNE                   |