**CASE STUDY**

**History**

Suzy Jones is a 17-year-old college student who presents to the Student Health Center seeking advice about contraception.

* White female
* College student
* Seeking advice about contraception
* Shy talking about her sexual practices
* Has never had a pelvic exam
* Has had 2 sex partners in past 6 months
* Does not use condoms or any other contraceptives
* Her periods have been regular, but she has recently noted some spotting between periods. Last menstrual period was 4 weeks ago.
* Denies vaginal discharge, dyspareunia, genital lesions, or sores

**Physical Exam**

* Vital signs: blood pressure 118/68, pulse 74, respiration 18, temperature 37.1° C
* Breast, thyroid, and abdominal exam within normal limits
* The genital exam reveals normal vulva, and vagina.
* The cervix appears inflamed, bleeds easily, with a purulent discharge coming from the cervical os.
* The bimanual exam is normal without cervical motion pain, uterine or adnexal tenderness.

**Questions**

1. Based on Suzy’s history and physical exam, what is the initial clinical diagnosis?
2. What is the most *likely* microbiologic diagnosis?
3. Which laboratory tests should be ordered or performed?

4. What is the appropriate treatment at the initial visit?

**Laboratory Results**

The test results are back from the laboratory.

Laboratory test results for Suzy Jones:

* NAAT for *Chlamydia trachomatis* – positive
* NAAT for *Neisseria gonorrhoeae* – negative
* Wet mount – pH 4.2, no clue cells or trichomonads, but numerous white blood cells (WBCs)
* KOH preparation – negative for “whiff test”
* HIV antibody test – negative
* Pregnancy test – negative

**Questions**

5. What is the final diagnosis?

6. What are the appropriate prevention and counseling messages for Suzy?

7. Who is responsible for reporting this case to the local health department?

**Partner Management**

Suzy has had 3 sex partners in the past year:

* John – Last sexual exposure 5 weeks ago
* Tom – Last sexual exposure 7 months ago
* Michael – Last sexual exposure 2 weeks ago

**Question**

8. Which sex partners should be evaluated, tested, and treated?

**Follow-Up**

Suzy returned for a follow-up visit at three months.

Three-month follow-up:

* A repeat chlamydia test was positive.
* Suzy stated that her partner, Michael, went to get tested, but the test result was negative so he was not treated.

**Question**

9. What is the appropriate treatment at the 3-month follow-up visit?