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To: Hospitals, Emergency Rooms, and Urgent Care Providers

From: Orange County Department of Health, Sexually Transmitted Disease Unit

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HEALTH NOTICE: PELVIC INFLAMMATORY DISEASE (PID) AND SEXUALLY TRANSMITTED DISEASES IN ORANGE COUNTY

A recent study by the Centers for Disease Control and Prevention (CDC) mapped the most distinct cause of death in each state. New York State's most distinct cause of death is "Inflammatory diseases of female pelvic organs".¹

Pelvic Inflammatory Disease (PID) is a clinical syndrome commonly caused by the ascension of microorganisms, such as *Chlamydia trachomatis* (chlamydia) and *Neisseria gonorrhoeae* (Gonorrhea), from a woman's cervix into her reproductive organs. PID can lead to infertility and permanent damage to the reproductive organs.

Diagnosis of Pelvic Inflammatory Disease²

Presumptive treatment for PID should be initiated in sexually active young women and other women at risk for STDs if they are experiencing pelvic or lower abdominal pain, if no cause for the illness other than PID can be identified, and if one or more of the following minimum clinical criteria are present on pelvic examination: cervical motion tenderness, uterine tenderness, or adnexal tenderness.

Treatment of Pelvic Inflammatory Disease³

Recommended Parenteral Regimens*

Cefotetan 2 g IV every 12 hours
PLUS
Doxycycline 100 mg orally or IV every 12 hours

Continue parenteral regimen until clinician determines that a switch to oral regimen is appropriate. Oral therapy with doxycycline 100 mg twice daily can be used 24 – 48 hours after clinical improvement to complete the 14 days of therapy.

Recommended Intramuscular/Oral Regimens*

Ceftriaxone 250 mg IM in a single dose

PLUS

Doxycycline 100 mg orally twice a day for 14 days

WITH or WITHOUT

Metronidazole 500 mg orally twice a day for 14 days

Intramuscular/oral therapy can be considered for women with mild-to-moderately severe acute PID, because the clinical outcomes among women treated with these regimens are similar to those treated with intravenous therapy. Women who do not respond to IM/oral therapy within 72 hours should be reevaluated to confirm the diagnosis and should be administered intravenous therapy.

*Alternative regimes and more specific diagnostic criteria can be found in the CDC's STD Treatment Guidelines 2015

1) The Most Distinctive Causes of Death by State, 2001-2010 - https://www.cdc.gov/pcd/issues/2015/14_0395.htm

2) Pelvic Inflammatory Disease (PID) - CDC Fact Sheet - <https://www.cdc.gov/std/pid/stdfact-pid-detailed.htm>

3) STD Treatment Guidelines 2015 - <https://www.cdc.gov/std/tg2015/pid.htm>