

## PRACTICAL PEARL: Vaginitis/Vaginosis

<b>INTRODUCTION</b>	<ul style="list-style-type: none"> <li>• In patients with symptoms of vaginitis, gynecologic examination is recommended. Differential includes yeast infection, trichomoniasis, and bacterial vaginosis (BV).</li> <li>• At Baystate, the Aptima NAAT test has replaced the non-amplified Affirm vaginitis/ vaginosis probe as a diagnostic tool and has several advantages.             <ul style="list-style-type: none"> <li>○ Both <i>Candida</i> species in general and <i>Candida glabrata</i> specifically are reported. <i>C. glabrata</i> may not respond to the usual azole drugs which impacts your treatment plan.</li> <li>○ The non-amplified test only detected <i>Gardnerella vaginalis</i> which is not diagnostic of BV. The NAAT test also detects the BV- related organism <i>Atopobium vaginae</i> and <i>lactobacilli</i> species to determine if there is BV-associated dysbiosis.</li> <li>○ NAAT testing is the recommended test for <i>Trichomonas vaginalis</i>.</li> </ul> </li> </ul>
<b>INITIAL EVALUATION AND MANAGEMENT BY PRIMARY CARE</b>	<ul style="list-style-type: none"> <li>• Use the new Aptima Multitest swab test kit (orange/pink) to obtain a vaginal sample in a <b>symptomatic</b> patient by choosing “Vaginosis/ Vaginitis panel (BV, CV, TV) in CIS. This test should <b>not</b> be used for asymptomatic screening.</li> <li>• <i>Neisseria gonorrhoeae</i> and <i>Chlamydia trachomatis</i> can be ordered on the same swab by choosing “Vaginitis/ Vaginosis Panel Plus (BV, CV, TV, CT, GC).</li> <li>• The Aptima Unisex Collection Swab kit (blue) can be used with <b>either</b> symptomatic or asymptomatic patients to detect <i>Neisseria gonorrhoeae</i>, <i>Chlamydia trachomatis</i>, and <i>Trichomonas vaginalis</i>.             <ul style="list-style-type: none"> <li>○ Two separate orders are placed in CIS “Chlamydia GC Amplified Probe” and “Trichomonas swab”</li> <li>○ Comments are added in the trichomonas order to tell the lab to use the CT/GC Aptima swab.</li> </ul> </li> <li>• Initial treatment should be guided by the CDC STD Treatment guidelines available at <a href="https://www.cdc.gov/std/tg2015/default.htm">https://www.cdc.gov/std/tg2015/default.htm</a></li> </ul>
<b>WHEN TO REFER</b>	<ul style="list-style-type: none"> <li>• Adolescent patients with recurrent infections that do not respond to the recommended treatment in the CDC guidelines can be referred to Adolescent Medicine.</li> <li>• We also welcome referral of any adolescent patient with vaginal symptoms, even if this is the first presentation.</li> </ul>
<b>HOW TO REFER</b>	<ul style="list-style-type: none"> <li>• (413) 794-KIDS</li> <li>•</li> </ul>
<b>WHAT TO EXPECT FROM BAYSTATE CHILDREN’S HOSPITAL VISIT</b>	<ul style="list-style-type: none"> <li>• Our office is set up for gynecologic examination including microscopy.</li> <li>• We will perform a pelvic examination, if indicated, and develop an evaluation and treatment plan.</li> </ul>