# PBL3. Use information technology to optimize learning and care delivery

<table>
<thead>
<tr>
<th>Not yet Assessable</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
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<tbody>
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<td>Reluctant to utilize information technology; generally does not initiate attempts to use information technology without mandatory assignments and direct help; demonstrates an inability to choose between multiple available databases for clinical query and an inability to filter or prioritize the information retrieved results in too much information, much of which is not useful; failure to achieve success may worsen perception of information technology as of use, leading to resistance to adopting new technologies.</td>
<td>Demonstrates a willingness to try new technology for patient care assignments or learning; able to identify and use several available databases, search engines, or other appropriate tools, resulting in a manageable volume of information, most of which is relevant to the clinical question; basic use of an EHR is improving, as evidenced by greater efficacy and efficiency in performing needed tasks; beginning to identify shortcuts to getting to the right information quickly, such as use of filters; also beginning to avoid shortcuts that lead one astray of the correct information or perpetuate incorrect information in the EHR.</td>
<td>Efficiently retrieves (from EHR, databases, and other resources), manages, and utilizes biomedical information for solving problems and making decisions that are relevant to the care of patients and for ongoing learning.</td>
<td>In addition to the capabilities in Level 3, the emotional investment in the outcome (improved patient care, deeper understanding, or successful resolution of a query) leads to the habit of utilizing familiar information technology resources and seeking new ones to answer clinical questions and remedy knowledge gaps identified in the course of patient care; utilizes the EHR platform to improve the care not only for individual patients but populations of patients; utilizes evidence-based (actuarial) decision support tools to continually supplement clinical experience.</td>
<td>Along with the capabilities and behaviors in Level 4, the mental energy freed up by comfort level and experience with information technology systems is reinvested to contribute to the continuous improvement of current systems and the development and implementation of new information technology innovations for patient care and professional learning.</td>
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**Comments:**