

## 2014 TELEMEDICINE TASK FORCE CLINICAL ADVISORY GROUP

The Telemedicine Task Force Clinical Advisory Group has identified five future innovative telehealth use cases. The following table outlines the use cases and includes discussion items regarding clinical applications of the use cases and considerations.

Telehealth Use Case for Future Development	Clinical Applications	Considerations
<ol style="list-style-type: none"> <li>1. Telehealth in hospital emergency departments and during transport of patients</li> <li>2. Public health screening, monitoring and documentation with data exchange</li> <li>3. Telehealth in schools for asthma management, diabetes, childhood obesity, behavioral health, and smoking cessation</li> <li>4. Telehealth for routine and high-risk pregnancies</li> <li>5. Widespread deployment of telehealth for medical health care services kiosks that are connected through various technology applications, to health care professionals, and/or the statewide health information exchange</li> <li>6. Telementoring and teleproctoring for the expansion of skills</li> </ol>	<ul style="list-style-type: none"> <li>• Assessment of disposition of patient on site <i>(use cases 1 and 3, 4, and 5)</i></li> <li>• Scheduling a health care provider to be available for consultations <i>(use cases 1, 3 and 4, and 5)</i></li> <li>• Ensure <del>equip</del> patients are using the <del>with</del> appropriate remote- and self- monitoring capabilities technology <i>(use cases 2, 3, 4, and 5)</i></li> <li>• Disease surveillance, program tracking, and predicting epidemics <i>(use case 2 and 5)</i></li> <li>• Preventative care screenings (i.e. oral health, vision, allergies, etc) <i>(use case 2, 3, 4, and 5)</i></li> </ul>	<ul style="list-style-type: none"> <li>• Identify appropriate clinical applications for technology devices <i>(use cases 1 and 2)</i></li> <li>• Care provider networks for real-time availability, such as stroke and pediatric emergencies <i>(use cases 1 and 3)</i></li> <li>• Inconsistencies of connectivity, including latency, dropouts, or complete loss of connectivity in certain geographic regions of Maryland <i>(use cases 1, 3, and 4)</i></li> <li>• Transmission and storage of images and other relevant clinical information <i>(use cases 1, 2, and 4)</i></li> <li>• Ensuring telehealth services are reimbursable and investment in durable equipment compensated <i>(use cases 2 and 4)</i></li> <li>• Incorporate existing parallel programs <i>(use cases 1, 2, 4 and 5)</i></li> </ul>

\* Contents extracted from Dr. Reynolds vision documents dated April 28, 2014 and May 22, 2014; this document is intended for discussion, additional clinical service applications will be included in the legislative report.