Hematology Oncology Assessment Toolkit

Welcome to the American Society of Hematology (ASH) and American Society of Clinical Oncology (ASCO) toolkit for training programs in hematology, oncology and combined hematology/oncology. The Hematology Oncology Milestones are reported to the ACGME every six months effective July 2020 [1]. The Supplemental Guide provides additional guidance and examples for the Hematology and Medical Oncology Milestones [2]. Programs are encouraged to review the ACGME Program Requirements, specifically Section V, before July 2020. Programs may choose to adopt some or all the tools in this document. Programs may use any tools or innovative techniques that they wish. This document provides our vision of tools.

This set of “Assessment Tools” is available for programs who wish to use them. The goal of this project is to streamline assessment with Milestone data. We hope that this improves the overall feedback process with more data to fellows and programs by making the system easy to work with. The Milestones, however, represent the fellow’s trajectory on the core competencies and the subcompetencies. The Milestones provide a framework for assessing the development of the fellow in key dimensions of the elements of physician competency in the specialty.

For programs that wish to use these tools, the following information will guide you. The tools consist of the common clinical rotations and activities. Clinical rotations start with learning objectives. The other activities have descriptions within the tools of how to use them. The tools come directly from the Hematology Oncology Milestones subcompetency streams and can go into the program’s electronic reporting system. They go directly to the faculty member or other assessor after the fellow completes his/her rotation or activity. When the faculty member or assessor returns the form electronically, the Clinical Competency Committee (CCC) sees the data for their review. The CCC makes recommendations about the fellow’s progress on the Milestones and that recommendation goes to the Program Director (PD) who makes the final decision on The Milestones report to the ACGME.

We endeavored to cover all the subcompetencies in the rotations and activities (Table 1). Professionalism 1, “Professional Behavior and Ethical Principles,” did not get a place in any of the rotations or activities. The work group decided that this subcompetency should be part of the general discussion at the CCC meeting with final determination by the PD. Some of the subcompetencies are represented many times and some, like Scholarship, only occur once (Table 2). Programs should make sure that if some, but not all of these tools are adopted, then they address assessment of all the subcompetencies by some means.

Work Group Members:
Martha Arellano, MD
Christian Cable, MD, MHPE
Frances Collichio, MD
Mary Kwok, MD

Srikanth Nagalla, MBBS, MS
Daniel Richardson, MD
Winston Tan, MD
Maurice Willis, MD

Editor:
Niké Alade
Program Coordinator, Professional Development
American Society of Clinical Oncology
Table 1

<table>
<thead>
<tr>
<th>Subcompetency</th>
<th>Rotation/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC1</td>
<td>H&amp;P</td>
</tr>
<tr>
<td>PC2</td>
<td>Dx/stage</td>
</tr>
<tr>
<td>PC3</td>
<td>Manage</td>
</tr>
<tr>
<td>PC4</td>
<td>Adjust plan</td>
</tr>
<tr>
<td>PC5</td>
<td>Procedures</td>
</tr>
<tr>
<td>MK1</td>
<td>Non-malignant heme</td>
</tr>
<tr>
<td>MK2</td>
<td>Malignant heme</td>
</tr>
<tr>
<td>MK3</td>
<td>Solid tumor</td>
</tr>
<tr>
<td>MK4</td>
<td>Scholarship</td>
</tr>
<tr>
<td>SBP1 Top</td>
<td>Patient safety</td>
</tr>
<tr>
<td>SBP1 Low</td>
<td>Reporting events</td>
</tr>
<tr>
<td>SBP2</td>
<td>QIP</td>
</tr>
<tr>
<td>SBP3</td>
<td>Navigation</td>
</tr>
<tr>
<td>SBP4</td>
<td>Population health</td>
</tr>
<tr>
<td>SBP5</td>
<td>Health systems</td>
</tr>
<tr>
<td>PBL1</td>
<td>Evidence</td>
</tr>
<tr>
<td>PBL2</td>
<td>Reflection/learning</td>
</tr>
<tr>
<td>PROF 1</td>
<td>Ethical behavior</td>
</tr>
<tr>
<td>PROF 2</td>
<td>Accountability</td>
</tr>
<tr>
<td>PROF 3</td>
<td>Well-being</td>
</tr>
<tr>
<td>ICS1</td>
<td>Pt/family</td>
</tr>
<tr>
<td>ICS2</td>
<td>Team</td>
</tr>
<tr>
<td>ICS3</td>
<td>Documentation</td>
</tr>
</tbody>
</table>

*Note: ITE = In-Training Exam. CCC = Clinical Competency Committee. PD = Program Director.

Table 2

<table>
<thead>
<tr>
<th>Hem/Onc Cont</th>
<th>Hem/Onc Inpt</th>
<th>BMT</th>
<th>Pall Care</th>
<th>Infusion</th>
<th>Scholarship</th>
<th>Bone Marrow Procedure</th>
<th>Safety/QIP</th>
<th>Well-being</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC1</td>
<td>PC1</td>
<td>PC1</td>
<td>PC1</td>
<td>PC3</td>
<td>MK4</td>
<td>Competency form/PCS</td>
<td>SBP1 1/2</td>
<td>PROF 3</td>
</tr>
<tr>
<td>PC2</td>
<td>PC2</td>
<td>PC3</td>
<td>PC3</td>
<td>PC3</td>
<td>MK4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PC3</td>
<td>PC3</td>
<td>PC4</td>
<td>MK1</td>
<td>MK1</td>
<td>MK2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PC4</td>
<td>PC4</td>
<td>PC5</td>
<td>MK2</td>
<td>MK1</td>
<td>MK2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MK1/2</td>
<td>MK1/2</td>
<td>MK1/2</td>
<td>SBP1 1/2</td>
<td>SBP3</td>
<td>MK3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MK2</td>
<td>MK2</td>
<td>MK2</td>
<td>SBP3</td>
<td>MK3</td>
<td>MK3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SBP3</td>
<td>SBP3</td>
<td>SBP3</td>
<td>PROF 3</td>
<td>ICS1</td>
<td>ICS1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SBP4</td>
<td>SBP4</td>
<td>SBP4</td>
<td>PROF 3</td>
<td>ICS2</td>
<td>ICS2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SBP5</td>
<td>SBP5</td>
<td>SBP5</td>
<td>PROF 3</td>
<td>ICS3</td>
<td>ICS3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PBL1</td>
<td>PBL1</td>
<td>PBL1</td>
<td>PROF 3</td>
<td>ICS1</td>
<td>ICS1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PROF2</td>
<td>PROF2</td>
<td>PROF2</td>
<td>PROF 3</td>
<td>ICS2</td>
<td>ICS2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PROF3</td>
<td>PROF3</td>
<td>PROF3</td>
<td>PROF 3</td>
<td>ICS3</td>
<td>ICS3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICS1</td>
<td>ICS1</td>
<td>ICS1</td>
<td>ICS1</td>
<td>ICS1</td>
<td>ICS1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICS3</td>
<td>ICS3</td>
<td>ICS3</td>
<td>ICS3</td>
<td>ICS3</td>
<td>ICS3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[1]. Hematology and Oncology Milestones. The Accreditation Council for Graduate Medical Education

[2]. Supplemental Guide: Hematology and Oncology. The Accreditation Council for Graduate Medical Education