

## Figure 1: Synthesis of Clinical Information (SOCi) Assessment Tool

Information synthesis is the process of gathering, organizing, and communicating information, in order to create a new framework for understanding. Please listen to the patient handoff with attention to how effectively the person performing the handoff has synthesized the clinical information.

Please rate the aspects listed below using this rating scheme:

1. Below average, 3. Average and 5. Above average

Information gathering				
1	2	3	4	5
<p>Omits crucial information (abnormal vitals, relevant portions of the history and physical exam, key laboratory or imaging findings), or includes erroneous information.</p>		<p>Identifies and gathers all available, relevant information from multiple sources. Occasionally includes irrelevant or redundant information. Does not consider key information that is not available (history element that is unavailable, test that is pending or was not ordered, etc)</p>		<p>Differentiates important data from background noise. Recognizes and acknowledges when information is missing (ie a pending test result, or element of the history that has not yet, but should be elucidated)</p>

  

Information processing				
1	2	3	4	5
<p>Information is disorganized and there may be an inappropriate focus on irrelevant information. Clinical information is not placed into an appropriate context. Pertinent positives or negatives and timeline of illness are not included. Does not utilize background medical knowledge, or background knowledge is not adequate to support thoughtful interpretation of patient data. Does not address or acknowledge conflicting information.</p> <p>Does not articulate a suspected or confirmed diagnosis.</p>		<p>Information is mostly organized in a meaningful way. Clinical information is placed into an appropriate context. Learner translates key findings into qualified medical terminology, includes pertinent positives and negatives and communicates a timeline of illness. Background medical knowledge is called upon and seems adequate. Conflicting information is addressed and reconciled when possible, but there remains a degree of discomfort with any ambiguity.</p> <p>Attempts to combine discrete data points into a unifying medical diagnosis or differential diagnosis, with varying degrees of accuracy.</p>		<p>Information is organized in a focused, purposeful way. Data is reduced to meaningful, relevant information only and no key information is omitted. Uses semantic qualifiers. Identifies clinical problems supported by data and articulates their status. Medical knowledge is called upon and seems superior. Exhibits comfort with ambiguity.</p> <p>Combines discrete data points into a summary of the patient condition, an accurate, unifying diagnosis and plan of care. Anticipates and plans for changes.</p>

  

Communication				
1	2	3	4	5
<p>Slow pace, meandering speech, distractible. Alternately speech is too fast. There may be unnecessary repetition. Does not adhere to I-PASS format.</p>		<p>Mostly speaks clearly, with good pace and volume. Little to no redundancy in communication. Generally focused with adherence to I-PASS template. May be thrown off track by interruptions.</p>		<p>Speech is organized and clear, and with good pace and volume. Focused, adheres comfortably to I-PASS format, is not easily thrown off track. Confident.</p>

  

Global (overall) synthesis score				
1	2	3	4	5
<p>Please explain why you assigned this global synthesis score:</p>				