

Attachment 1: Table A1: Rubric for assessing the quality of the connections

Connection rating	Comment	Score
Valid and helpful	The connection is valid, and the relationship between concepts can be clearly established; it is direct (without intermediate steps) e.g. Cough-Pneumonia.	2
Partially valid	<ul style="list-style-type: none">• The connection is valid but the meaning of the relationship cannot be clearly established.• Connection is correct, but at least one concept is inaccurate or not part of the differential.• Everything is correct, but the connection is not important for the process.• The relationship can be established, is plausible but is not direct (ABG and Heart failure; LVH and MI); there are several intermediate steps.	1
Invalid	Connection is incorrect; one of the concept is incorrect and/or is not part of the differential, has no meaning, is incorrectly labeled.	0