

Table 9: *Practicality of Informatics Competency Tools*

	<i>Staggers et al., (2001)</i>	<i>Staggers et al., (2002)</i>	<i>Westra &amp; White-Delaney, (2008)</i>	<i>TIGER Informatics Collaborative (2009)</i>	<i>Hart (2010)</i>	<i>Chang et al., (2011)</i>	<i>Hunter, et al., (2013) Hunter et al. (2015)</i>	<i>Hubner et al., (2016)</i>
# of items	304	281	92	231	49	318	85	30
Practice level & items per level	1= 43 2 =35 3= 187 4=40	1= 37, 2 =32 3= 174 4=38	Manager	All nurses	Manager	1= 53, 2=59 3= 187 4=39	All nurses	5 levels= 6 competencies for each
Language clarity	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Not clear
Validated in other Study	Yes	Yes	No	Yes	Yes	Yes	No	No

*Note.* Level 1 = Beginner; Level 2 = Experienced; Level 3 = Specialist; Level 4 = Innovator. Hubner et al.'s (2016) five levels are clinical nursing, quality management, inter-professional coordination, nursing management, and IT management.

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