Supplementary Materials

Table 1. Mapping of competency models and main competencies that are important to nurse managers.

		Competencies of nurse manager					
Study	Model	Commu nication	Knowledg e	Leaders hip	Business manageme nt	Professio nalism	
AONE,	The AONE						
2015 21	Nurse						
	Executive	\checkmark	\checkmark	\checkmark		\checkmark	
	Competencie						
	S						
Sherman et	Nursing						
al, 2007 ¹⁶	leadership				\checkmark		
	competency				v		
	model						
McCarthy &	Generic						
Fitzpatrick,	competencie	\checkmark				\checkmark	
2009 10	s for nurse	v				v	
	managers						
Kvas, A.,	Comparison						
Seljak, J., &	of		\checkmark	\checkmark		\checkmark	
Stare, J.	Competency		`	,		·	
(2014). ¹⁴	Models						
Dawson et	Professional						
al (2015). ¹⁷	Developmen						
	t Needs of			\checkmark	\checkmark	\checkmark	
	Nurse						
	Managers						
Munyewend	360 degree						
e, P. O.,	evaluation of	\checkmark		\checkmark	\checkmark		
Levin, J., &	the job-						

		Competencies of nurse manager					
Study	Model	Commu nication	Knowledg e	Leaders hip	Business manageme nt	Professio nalism	
Rispel, L. C.	related skill						
(2016) 22	perceptions						
	of PHC						
	nursing						
	managers						
Goktepe, N.,	Nurse						
Turkmen,	Manager						
E., Badir,	Developmen						
A., Hayta,	t Program						
O., Yakar,		\checkmark	\checkmark		\checkmark		
H. K., &							
Buyukgonen							
c, L. A.							
(2018). 11							
Clemmons-	Application						
Brown, C.	of AONL's						
А.	Nurse	\checkmark	\checkmark	\checkmark		\checkmark	
(2020).(11)	Executive						
18	Competencie						
	S						
Fisher et al	Best-fit						
$(2020).^{23}$	model of						
	human				\checkmark		
	resource						
	management						
	framework.						
Kim & Sim,	Structure						
2020 24	equation	\checkmark				\checkmark	
	model						

	Model	Competencies of nurse manager					
Study		Commu nication	Knowledg e	Leaders hip	Business manageme nt	Professio nalism	
García et al.,	Nurse						
2020 ³	Manager						
	Core	\checkmark		\checkmark	\checkmark		
	Competencie						
	S						
Gottlieb et	SBNH-L						
al.,2021 25	Value &						
	Foundation						
González-	Middle						
Garcia et	Nurse		\checkmark	\checkmark	\checkmark		
al.,2021 ²⁶	Manager						
	Competency	\checkmark					
	model	N					
	(MCGE-						
	Logistic						
	level)						
Bleich, M.	Holistic						
R., &	Leadership		\checkmark	\checkmark	\checkmark	\checkmark	
Bowles, J.	Post-	\checkmark					
(2021). 19	Pandemic						
	Recovery						
	Model						
Van Orne &	Clinical						
Branson,	Nurse			\checkmark			
2022 27	Leader						
	(CNL)						