

## eAppendix

### eAppendix 1. Search strategy and keywords

AND (((("Simulation Training"[Mesh] OR "Manikins"[Mesh])) OR ((Patient Simulation\*[Title/Abstract] OR Simulation Training[Title/Abstract] OR Manikin\*[Title/Abstract] OR Mannequin\*[Title/Abstract] OR Interactive Learning[Title/Abstract])))

and topic emergency medicine (((("Emergency Service, Hospital"[Mesh] OR "Emergency Medicine"[Mesh] OR "Emergency Medical Services"[Mesh] OR ((Hospital Emergency Service\*[Title/Abstract] OR Emergency Department\*[Title/Abstract] OR Emergency Unit\*[Title/Abstract] OR Emergency Ward\*[Title/Abstract] OR Emergency Room\*[Title/Abstract] OR Trauma Center\*[Title/Abstract] OR Trauma Centre\*[Title/Abstract] OR Emergency Medicine[Title/Abstract] OR Emergency Medical Service\*[Title/Abstract] OR Prehospital Emergency Care[Title/Abstract])))

for the intervention.

<b>Concept 1:</b>		
<b>Free text</b>	<b>PubMed and Embase thesaurus</b>	
	<b>MeSH</b>	<b>EmTree</b>
Patient Simulation* Simulation Training Manikin* Mannequin* Interactive Learning Crash test dumm*	Patient Simulation Simulation Training Manikins	Patient Simulation Simulation training Manikin

<b>Concept 2:</b>		
<b>Free text</b>	<b>PubMed and Embase thesaurus</b>	
	<b>MeSH</b>	<b>EmTree</b>
Hospital Emergency Service* Emergency Department* Emergency Unit* Emergency Ward* Emergency Room* Trauma Center* Trauma Centre* Emergency Medicine Emergency Medical Service* Prehospital Emergency Care	Emergency Service, Hospital Emergency medicine Trauma Centers Emergency medical services	Hospital emergency service Emergency health service

## eAppendix 2. PRISMA Flow diagram

