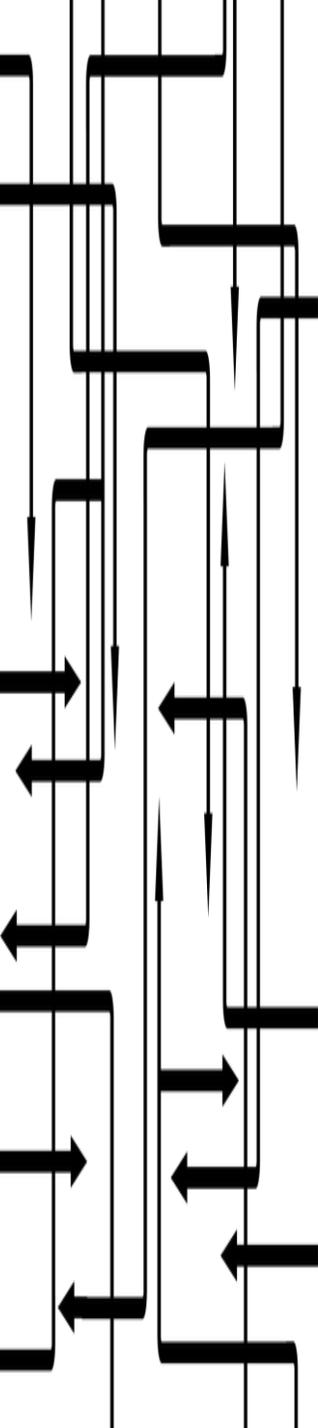


Skill mix of nurses and primary health care professionals: a systematic review

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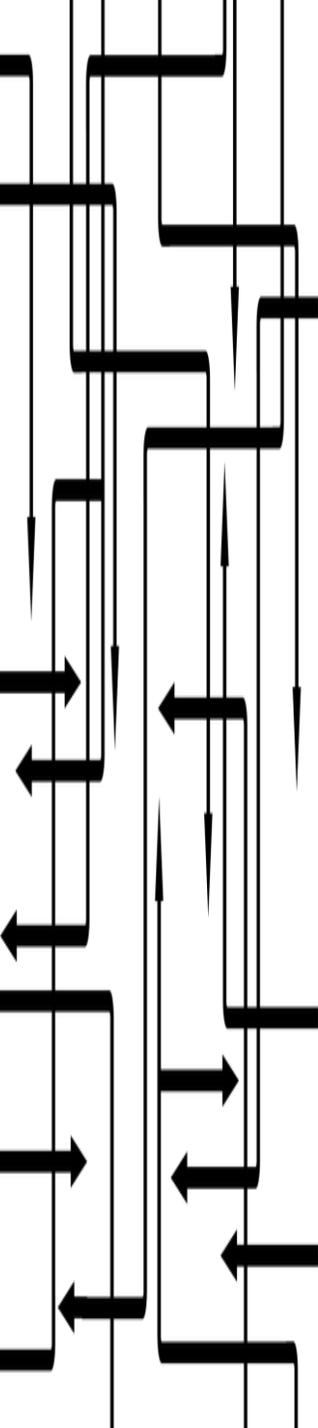




Introduction

- One of the global goals for countries is to provide an adequate and high-quality healthcare service, accessible and without financial hardship on individuals

(UN, 2015)



Introduction

- One of the global goals for countries is to provide an adequate and high-quality healthcare service, accessible and without financial hardship on individuals.
- Including new skills for health professionals or expanding the roles of nurses are alternatives found in more than 50% of the countries in the world to increase population access to health professionals

(UN, 2015; WHO, 2020)

Question

- What is the effectiveness of the skill mix in primary care?



Objective

- To evaluate the effectiveness of the strategy of skill mix of nurses and other health care professionals in primary health care (PHC).

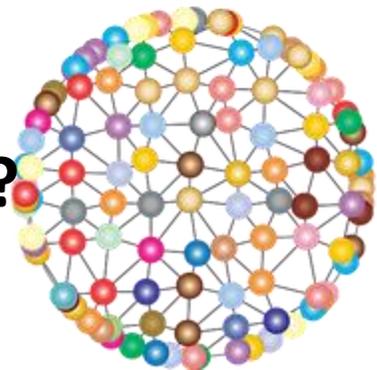


Methods

- PICO strategy
- Population: Clients of primary healthcare
- Intervention: Skill mix in nursing
- Comparison: Skill mix X Traditional care by nurses
- Outcome: Service Improvement



What is the effectiveness of the skill mix in primary care?



Results

- 5,820 studies
- 370 screened
- 18 included

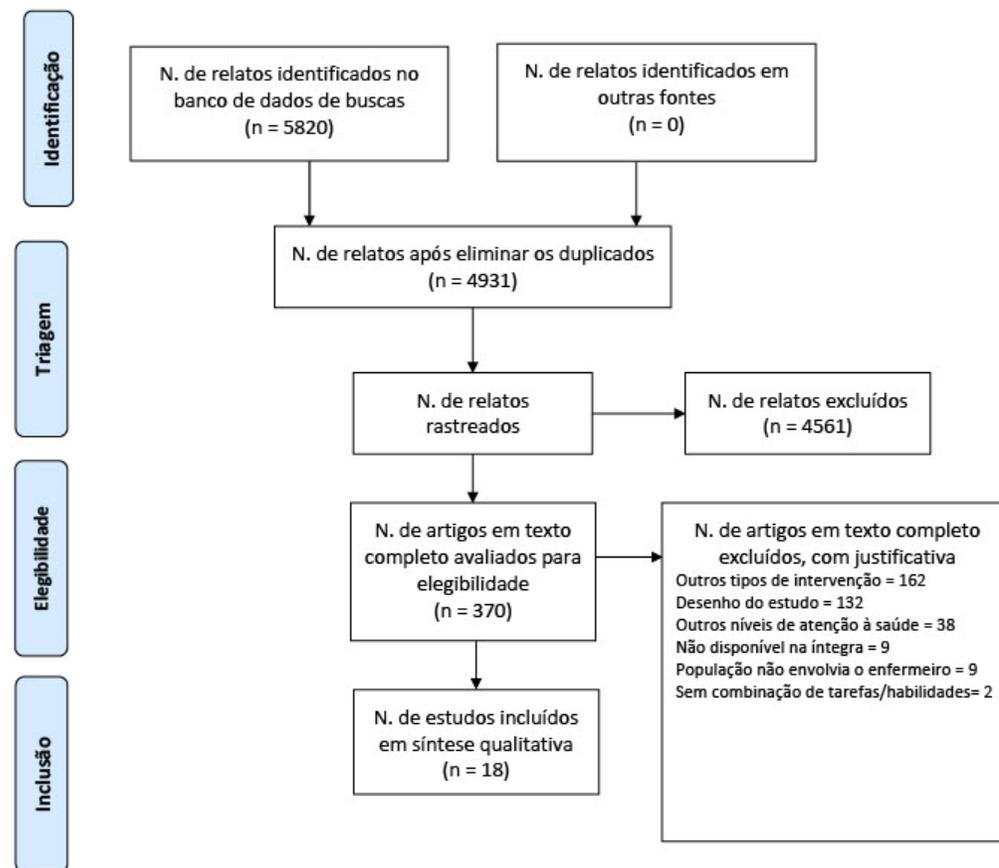


Figura 1 – Diagrama da estratégia de busca e resultados

	Anderson et al. 1998	Dierick-van Daele et al. 2010	Foster & McIntyre 2012	Gerard et al. 2015	Holt et al. 2016	Huba et al. 1999	Ivers et al. 2011	Jackson et al. 2018	Jeon et al. 2012	Kim et al. 2009	Lichtenstein et al. 2015	Maier et al. 2018	Myles et al. 1996	Naruse et al. 2015	Shin et al. 2014	Song & Song 2019	Van der Biezen et al. 2016	Van der Biezen et al. 2017
Relato de desfecho seletivo	?	+	+	?	+	+	?	+	+	+	?	?	?	+	?	+	+	+
Outras fontes de viés	+	+	+	?	+	+	+	+	+	+	+	+	-	?	+	?	+	+
Ocultação de alocação	?	?	-	-	+	?	-	+	+	?	-	-	?	?	-	-	+	+
Geração da sequência aleatória	-	+	-	-	+	+	-	+	+	+	+	-	-	-	-	-	+	+
Desfechos incompletos	?	+	+	?	+	+	?	+	+	+	?	?	?	+	?	+	+	+
Cegamento de avaliação de desfecho	?	?	-	-	+	?	-	+	+	?	?	?	?	?	-	-	+	+

Results



Baixo risco de viés



Risco de viés incerto



Grande risco de viés

Results

Outcomes	Levels of evidence (GRADE)
Better use of financial resources (MYLES <i>et al.</i> , 1996)	Very low
Improving quality of care (ANDERSON; HSIEH; SU, 1998)	Low
Person's staying in treatment long enough to reap its full benefits (HUBA; CHERIN; MELCHIOR, 1999)	Moderate
More effective utilization of material resource (VAN DER BIEZEN <i>et al.</i> , 2016)	High
Better use of financial resources (VAN DER BIEZEN <i>et al.</i> , 2016)	High
Better use of financial resources (DIERICK-VAN DAELE <i>et al.</i> , 2010)	High

Discussion

- The skill mix and collaborative practice in health systems in Developing countries point out that these models are alternatives to overcome the difficulties imposed by health professionals' shortage.



(FULTON et al., 2011)

Conclusion

- The assessment of the skill mix of nurses with other professionals and the expansion of the nurse's role and collaborative practice at the PHC level proved to be practical and real in several countries.





Conclusion

- The assessment of the skill mix of nurses with other professionals and the expansion of the nurse's role and collaborative practice at the PHC level proved to be practical and real in several countries.
- The expansion of tasks, skills, or nurses' role is an important strategy to overcome the obstacles imposed by the shortage of human resources in PHC.

Conclusion



- Benefits of nurses' skills with other health professional:
 - ✓ Can transform their role,
 - ✓ Improve care provision,
 - ✓ Increase adherence and permanence of patients in the therapy,
 - ✓ Better use of human resource,
 - ✓ Improve health outcomes.

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