

# WENNBERG INTERNATIONAL COLLABORATIVE SPRING POLICY MEETING 2018

SYSTEMATIC SELECTION OF INDICATORS TO ASSESS  
USE OF CLINICAL PRACTICE GUIDELINES

Agné Ulytė



**Smarter Health Care**  
National Research Programme

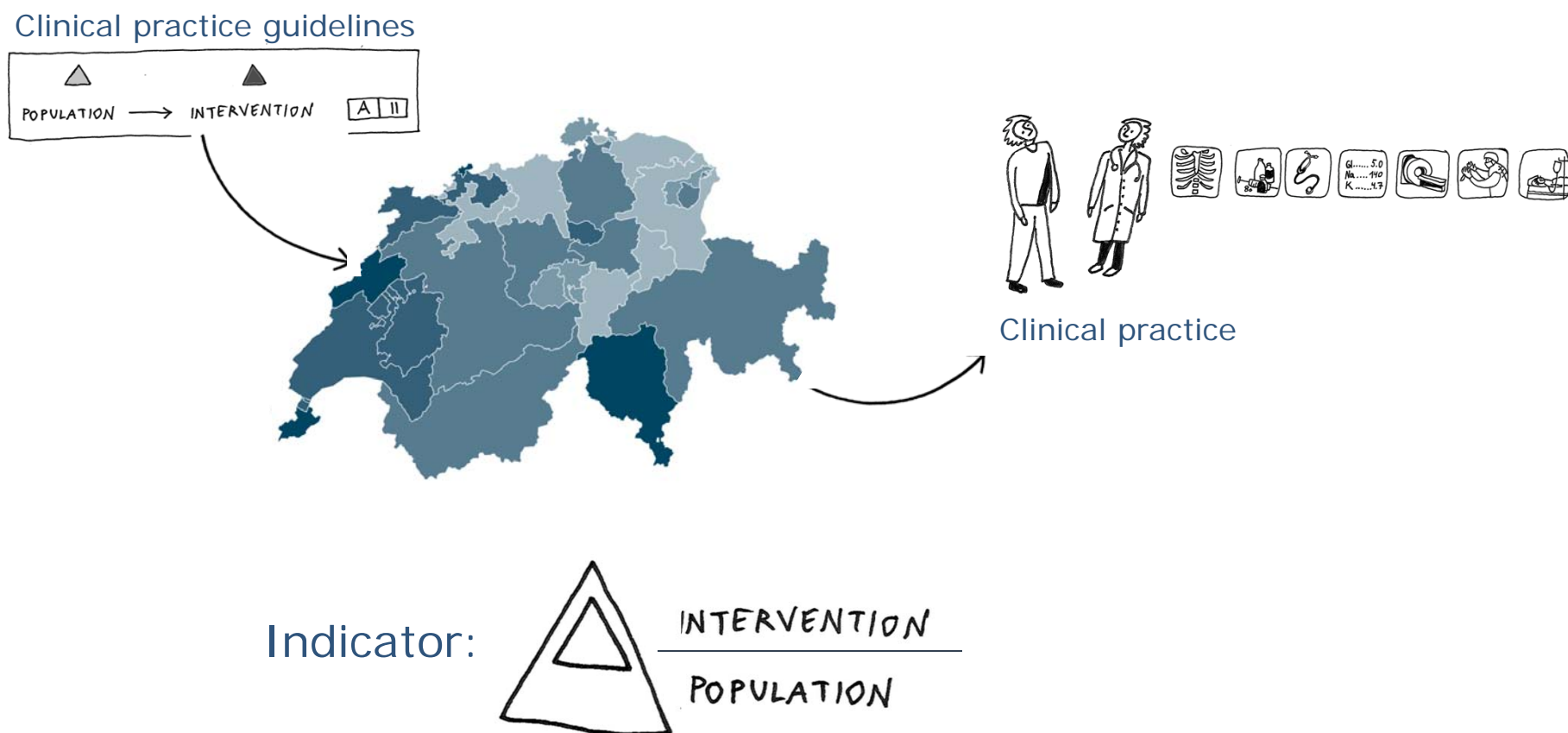


**University of  
Zurich**<sup>UZH</sup>

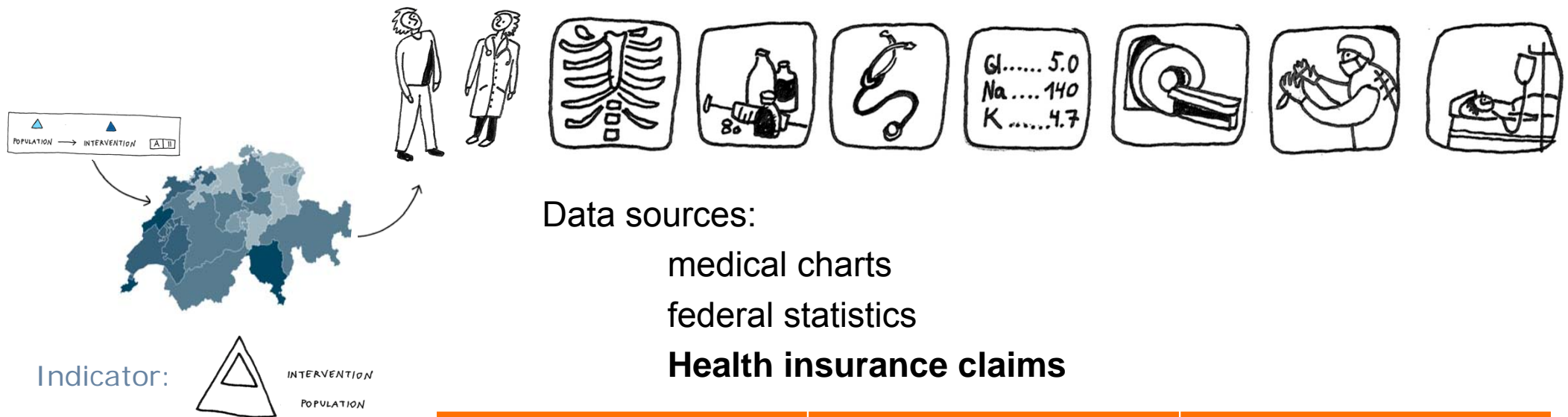
**Helsana**

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# Indicator of healthcare services utilization

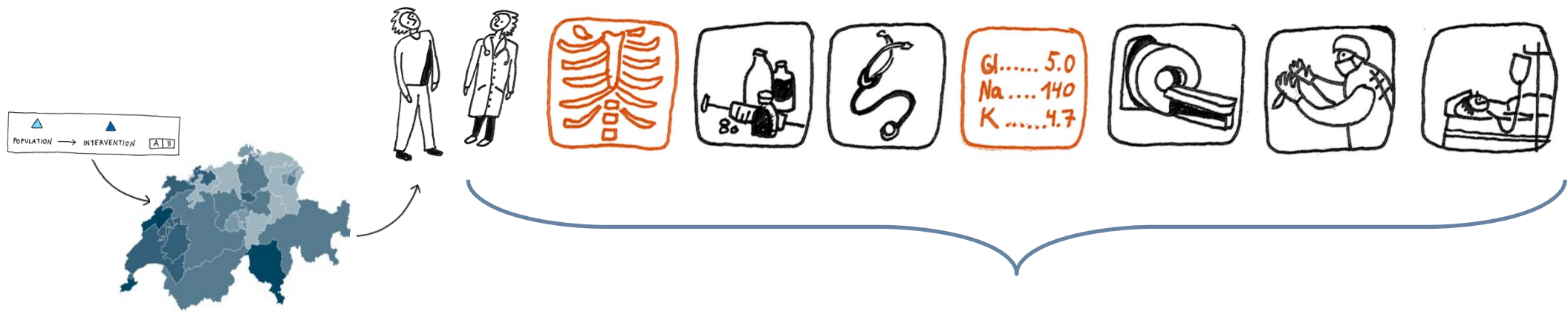


# Indicator of healthcare services utilization



	Inpatient	Outpatient
Diagnosis	+	
Medications		+
Procedures	+	+

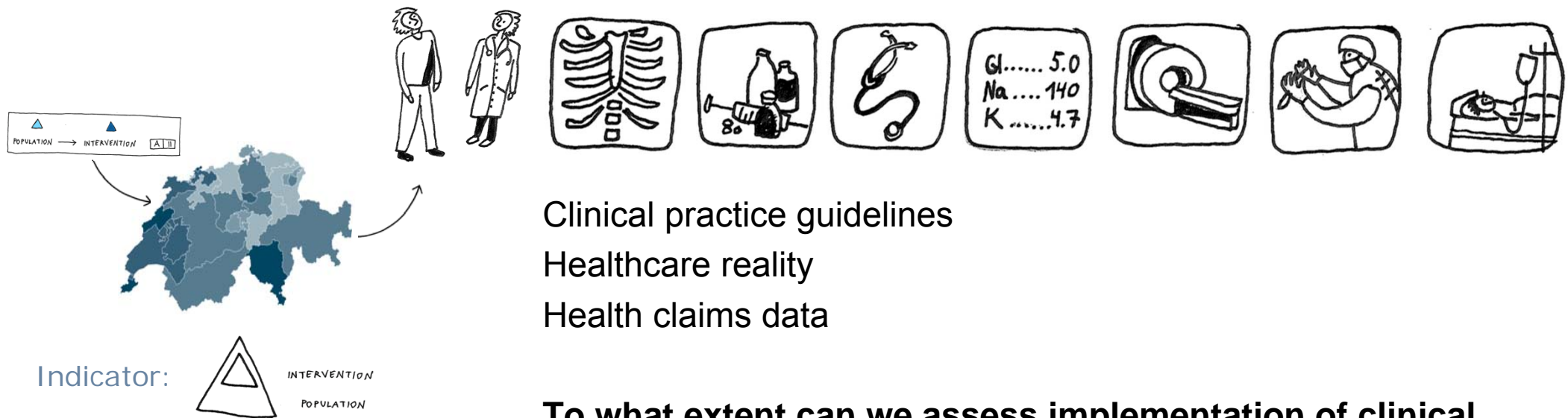
# Indicator of healthcare services utilization



Indicator:



# Indicator of healthcare services utilization



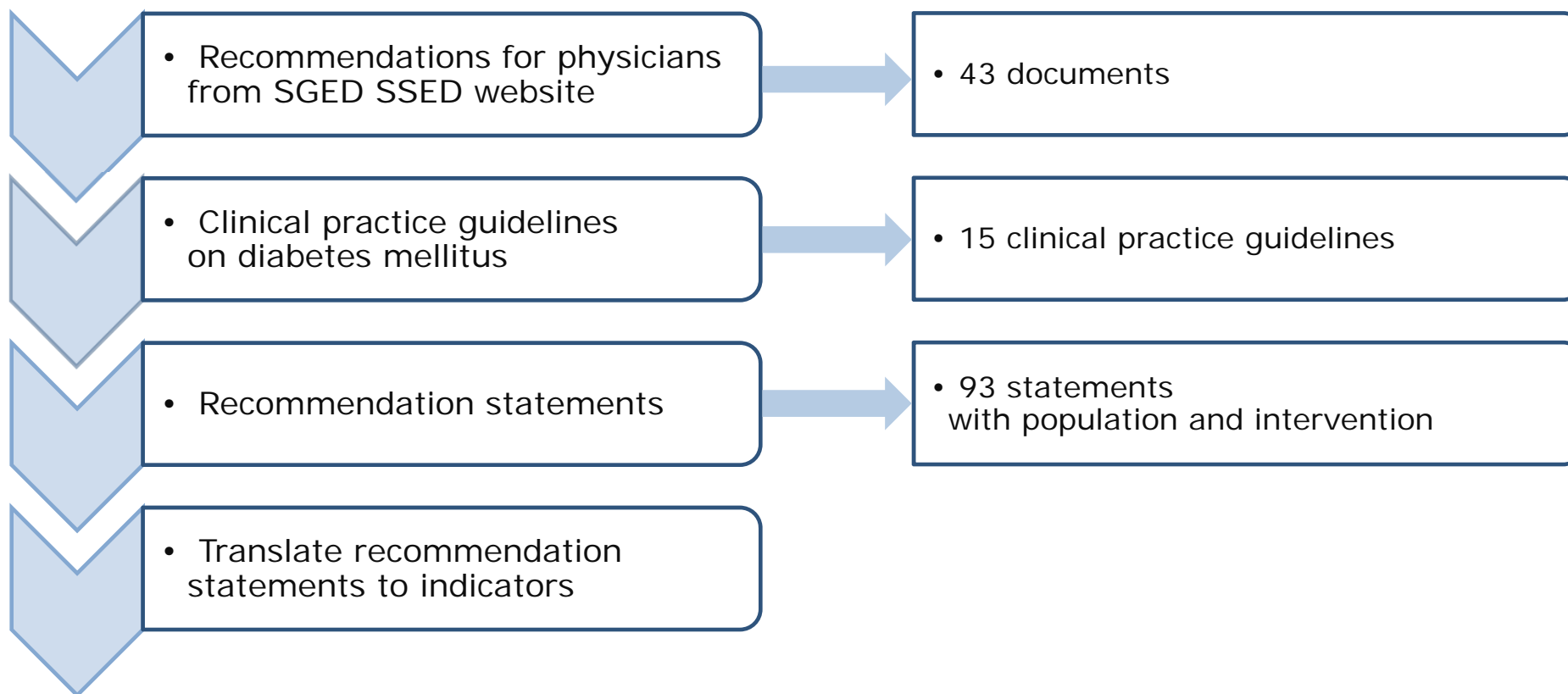
Clinical practice guidelines  
Healthcare reality  
Health claims data

**To what extent can we assess implementation of clinical practice guidelines with claims data?**

**Case model:** diabetes healthcare services in Switzerland.

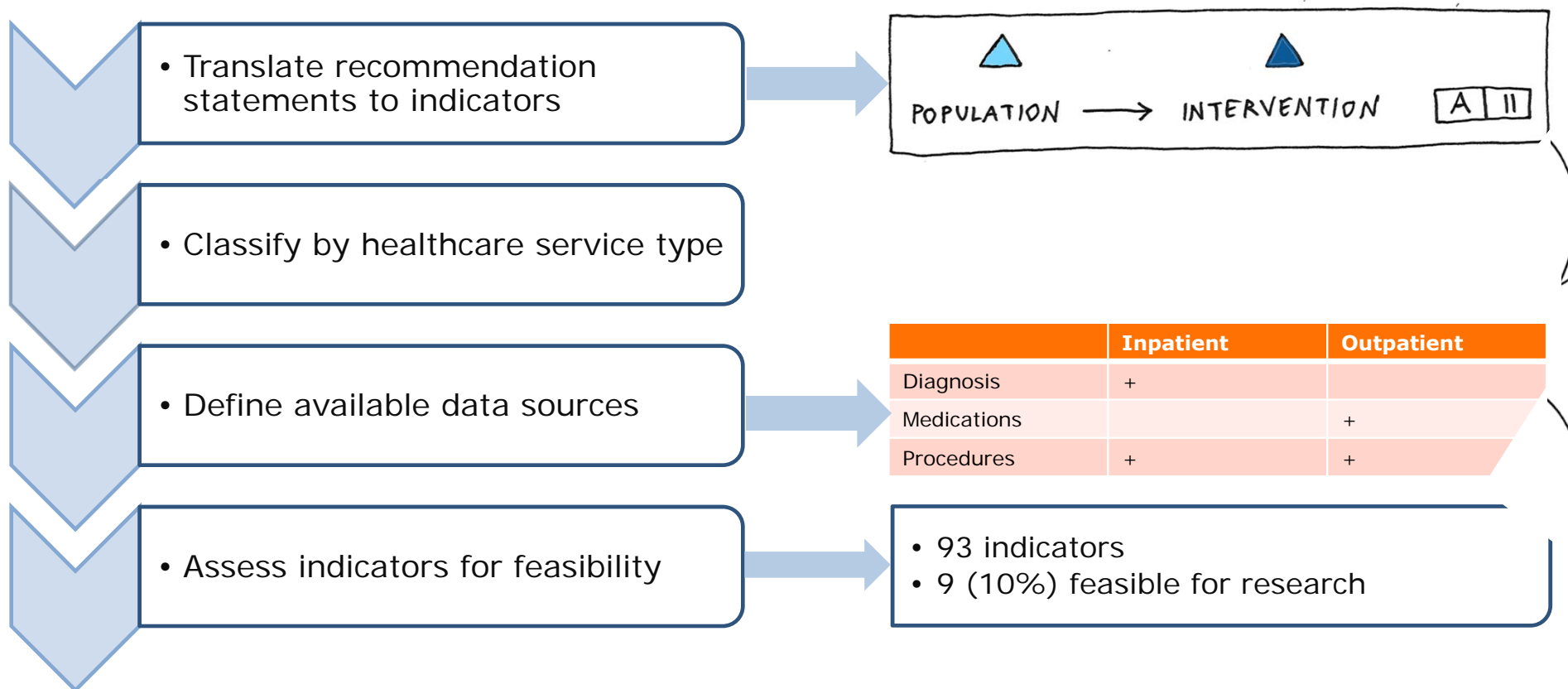
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## Systematic approach to indicator selection



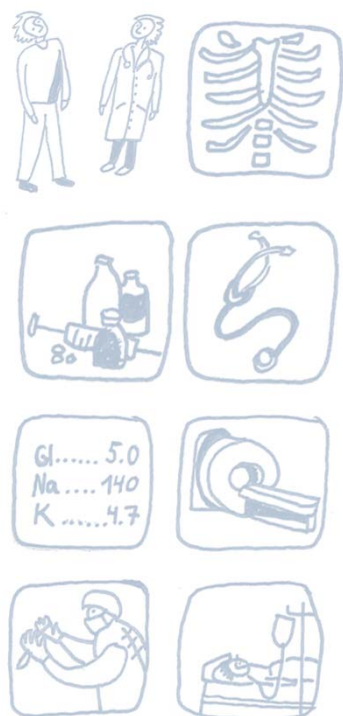
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## Recommendations translated to indicators



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Healthcare service types are represented unequally with feasible indicators.

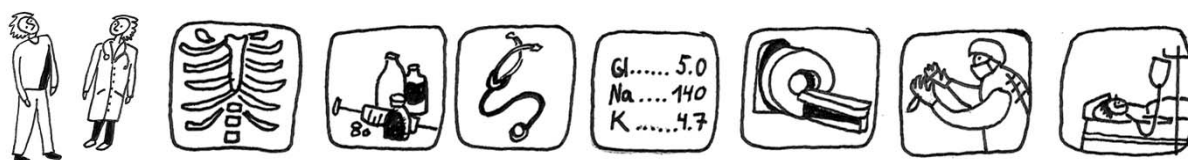


Disease stage	Service type	N of indicators	N of feasible
		93	9 (10%)
Screening	Screening	3	2
Risk factor	Screening, prevention	6	0
Disease	Screening	1	0
	Diagnosis	2	0
	Control	11	5
	Treatment	65	1
	Secondary prevention	5	0



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## To what extent can we assess guideline implementation with claims data?



## **NRP74: Project 26**

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