PICO question 10: In adults with	hypertension giver	pharmacological treatment	, when should BP be reassessed?
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	CRITERIA	JUDGEMENTS RESEARCH EVIDENCE/PANEL I	RESEARCH EVIDENCE/PANEL INPUT			
VALUES	Is there important uncertainty or variability about how much people value the main outcomes?	or variability       or variability or variability         variability       Image: Second Seco	he effectiveness of telemonitoring for patients experiencing HTN, there is tential success over longer periods of time as well as its generalizability to nds and educational levels who might react differently to this approach, ad potential savings and a reduction in the number of visits to health care often fail to ask about adherence and frequently do not adjust medications be overwhelmed, seeing up to 100 cases per day, and anything that can			

	What is the overall certainty of the evidence of effects?	No Very low	Low Moderate	High	ACCORD and SPRING followed patients initially for one month.		
		included studies			Longer follow-up times can lead to loss to follow up.		
					There appears to be limited data to address this specific question. One RCT compared three months of		
BENEFITS AND HARMS OF THE OPTIONS		Detaile	d judgements		follow-up to six months after patients were controlled and found no significant difference.79		
	How substantial are the desirable	Don't Trivial Sm know	all Moderate Large	Varies	One well-conducted retrospective cohort study <sup>80</sup> reported two important findings: for those who were newly diagnosed or on new medications:		
	anticipated effects?				<ol> <li>For those newly diagnosed with HTN those with &gt;1.4 months prior to initiation of treatment had HR of 1.12 (1.05–1.2, p &lt; 0.009) for MACE compared to those started &lt;1.4 months.</li> </ol>		
		Detaile	d judgements		2. For those with initiated treatment, those who waited >2.7 months before re-evaluation had HR 1.18		
	How substantial are the undesirable	Don't Trivial Sma know	allt Moderate Large	Varies	(1.11–1.25, p <0.0001) for MACE compared to those reassessed <2.7 months.		
	anticipated effects?			Х			
		Detaile	d judgements				
	Do the desirable effects outweigh the	No Probably Dor No kno	,	Varies			
	undesirable effects?		X 🗆				
		Detaile	d judgements				
	How large are the resource	Large Moderate Sm costs costs	all Moderate Large savings savings	Varies	No comparative data were identified. Input from panel suggests that many patients in LICs and MICs require monthly clinic visits to pick up medicines, while in HICs the frequency is less. For newly		
	requirements?			X	diagnosed and newly initiated on therapy this may be no change in resources in LICs and MIC. However, this would be offset by less frequent visits over the long term if stable patients did not require		
RCE USE		Detaile	d judgements		visits more frequently than twice per year.		
RESOURCE	How large is the incremental cost relative to the net	Very large Large Mode ICER ICER ICE	ICER	Varies	No comparative data were identified. Input from panel suggests that there would be increased costs seeing newly diagnosed patients frequently that would likely be offset by reducing visit frequency of		
	benefit?			X	stable patients. This pattern would lead to overall reductions in costs and better control		
		Detaile	d judgements				

ΕQUITY	What would be the impact on health inequities?		d Probably increased		Probably reduced	Reduced	Varies	Meigari et al. suggest that it will be difficult in low income countries to increase frequency of visits but may be feasible if community HCWs or other workers can be involved in management of BP. Use of home monitoring may be useful. <sup>21</sup> It may reduce inequities when you have a structured follow up framework. However, when system barriers exist, it may worsen.
ACCEPTABILITY	Is the option acceptable to key stakeholders?	No	No <sup>°</sup>	Uncertain	Probably Yes X dgements	Yes	Varies	Older and more vulnerable patients would appreciate more frequent monitoring but it will have implications on health systems. <sup>4</sup> <sup>76</sup>
FEASIBILITY	Is the option feasible to implement?	No	No		Probably Yes X dgements	Yes	Varies	Will require use of Community HCWs or other health professionals and some evidence of benefit of telemonitoring to increase frequencies to less than a month. This has been demonstrated to be acceptable to patients.

## Recommendation 7: frequency of assessment

Recommendation WHO suggests a monthly follow up after initiation or a change in antihypertensive medications until patients reach target. WHO suggests a follow up every 3–6 months for patients whose blood pressure is under control.									
Type of recommendation	We recommend against the option or for the alternative	We suggest not to use the option or to use the alternative	We suggest using either the option or the alternative	We suggest using the option	We recommend the option				
				X					
<b>Justification</b> Data suggests that initiating treatment early after diagnosis improves outcomes and that delaying evaluation after initiation also may increase risk. Once a patient is established in care and BP is under control the frequency of visits is less important. One study showed that there was no statistic in measured BP if seen every three months vs six months. <sup>79</sup>									
									Subgroup considerations
Implementation considerations	<ul> <li>Initiation of HTN treatment should occur within four weeks of diagnosis of HTN. If BP level is high or accompanying evidence of end organ damage, initiation of treatment should be faster</li> <li>Will require system that can track appointments over time and the staffing necessary to meet needs of number of visits and/or use of remote monitoring and task-sharing to achieve increased visits</li> </ul>								
Monitoring and evaluation considerations	BP monitoring and data cap	ture mechanisms. System linking p	harmacy records to visits for ev	aluation.					
Research priorities	Evidence that remote monit	oring and use of community HCWs/	navigators can assist in manag	ement of BP.					
	Effectiveness of community/home-based monitoring of BP.								