

Effective Diagnosis, Treatment, and Monitoring of Hypertension in Primary Care

Facilitator Notes

5

Reporting and Monitoring System

Content should be adapted with country-specific information prior to use.

Red text denotes places where modification may be required. Guidance on how to adapt the training is provided in the Course Overview.

Facilitators should review all materials prior to the training workshop to ensure they have a full understanding of the session and to determine what hard copy print outs will be required to conduct the exercises.

Overview of this session

Participants will apply what they learn about the monitoring of hypertension by undertaking exercises that involve filling in recording and reporting tools.



EXERCISE 1: COMPLETING A HYPERTENSION TREATMENT REGISTER

Instructions

- A total of **40** minutes is recommended for this exercise.
- Ask participants to spend **35** minutes filling in the blank Facility Register for Hypertension handout for this exercise, based on the details of five patients – the two patients from Session 4 and three more from example patient treatment cards provided in the participant guide.
- The completed form is given on page **4**.
- Spend **5** minutes reviewing the answers with the group.

Answers

FACILITY REGISTER FOR HYPERTENSION									
Date of reg.	Unique patient treatment no.	Name	Address	Gender M/F	Age	Quarterly HTN outcome: BP controlled? Y/N (6–9 months after reg.)	Annual HTN outcome: BP controlled: Y/N (Q1, year 2019)	Annual HTN outcome: BP controlled: Y/N (Q1, year 2020)	Annual HTN outcome: BP controlled: Y/N (Q1, year 2021)
06-01-	00001	Rohan Sharma	121 Nethaji Colony	M	34	Y	N		
08-01-	00002	Radha Srinivasan	6 CLC Works Lane	F	56	Y	Y		
09-04-	00003	Prem Pal	12 Krishna Nagar	M	60	Y	Y		
25-08-	00004	Priya Kishore	42 Kovil Street, Samanagar	F	42	Y	Y		
12-11-	00005	Sunitha Varma	72/77 Vivekananda Street	F	39	N	N		
Page summary						BP control: Y = systolic blood pressure <140 mmHg and diastolic blood pressure <90 mmHg during last quarter N = if blood pressure ≥140/90 or patient did not visit for follow up, or blood pressure not measured			
Total number registered:				5					
Total number with documented control in Q1 6–9 months after registration				4					
Total number with documented control in Q1 of 2019				3					
Total number with documented control in Q1 of 2020									
Total number with documented control in Q1 of 2021									



EXERCISE 2: DETERMINING THE QUARTER

Instructions

- A total of **10** minutes is recommended for this exercise.
- Ask participants to spend a few minutes completing the table as if they were planning their reports for the Quarterly Facility Report in Section A (Quarterly treatment enrolment and outcomes) of the Health Facility Report.
- Spend a few minutes reviewing the answers with the group.

Answers

Date of Reporting	Quarter in which patients were registered for hypertension treatment	Quarter in which 6-9 month BP was checked
15 April 2018	1 July 2017 – 30 September 2017	Jan – Mar 2018
15 April 2019	1 July 2018 – 30 September 2018	Jan – Mar 2019
15 July 2018	1 October 2017 – 31 December 2017	April – June 2018
15 January 2019	1 April 2018 – 31 June 2018	Oct – Dec 2018
15 October 2018	1 Jan 2018 – 31 March 2018	July – Sept 2018



EXERCISE 3: COMPLETING THE QUARTERLY AND ANNUAL REPORTS

Instructions

- A total of **20** minutes is recommended for this exercise.
- Present participants with the scenario that it is April 2019 and time to submit Quarterly and Annual reports. Ask them to spend **15** minutes, using the sample register in the Participant Guide, to prepare a Quarterly and Annual Facility Report (sections A & B) for 20 patients.
- While there is a blank Health Facility Report in the Participant Guide, the facilitator may want to make additional copies in case they are needed (see Exercise 3 Handout).
- Spend **5** minutes reviewing the answers with the group.

Answers

Section A: Quarterly treatment enrolment and outcomes	Number of patients
A1. Number of patients registered two quarters earlier	7
A2. Out of (A1), number of patients whose BP was documented to be <140/90 in the Reporting Quarter	3
Section B: Annual treatment enrolment and outcomes (To be filled only once a year – with Quarter 1 report)	Number of patients
B1. Number of patients whose BP documented as <140/90 during Quarter (<i>If the patient made more than 1 visit in the quarter, use most recent reading.</i>)	10
B2. Estimated number of people with hypertension in the catchment population (<i>only for district level</i>)	<i>Completed at district level</i>



EXERCISE 4: CONDUCTING A SITE VISIT TO A HEALTH FACILITY (HALF-DAY FIELD WORK)

Health care workers and facility managers will visit a primary health facility to practise measuring blood pressure and providing care to patients, using the standard protocol and corresponding tools (e.g., patient identification cards, treatment cards, etc.). Facilitator may also want to encourage participants to observe patient flow and service delivery during health facility visit.

SESSION 5 – HANDOUT

HEALTH FACILITY REPORT		
<p><i>Sections A and B will be filled out by health facilities where HTN Facility Register is placed. Sections C and D will be filled out by all health facilities</i></p>		
Name of health facility:	Name of district:	
Name of state:	Date of reporting (day/month/year)	
Quarter for which you are making the report:	Quarter:	Year:
	<i>This is the "Reporting Quarter". Usually this is the most recent quarter that has just finished.</i>	
Section A: Quarterly treatment enrolment and outcomes		Number of patients
A1: Number of patients registered two quarters earlier		
A2: Out of (A1), number of patients whose BP was documented to be <140/90 mmHg in the Reporting Quarter		
Section B: Annual treatment enrolment and outcomes <i>(To be filled in only once a year, with Quarter 1 report)</i>		Number of patients
B1: Number of patients whose BP is documented as <140/90 mmHg during Quarter 1. (If the patient made more than one visit in the quarter, use most recent reading.)		
B2: Estimated number of people with hypertension in the catchment population <i>(only for district level).</i>		
Section C: Drug consumption and availability		
Quarterly consumption of drugs <i>(Give number of tablets)</i>	Quantity of drugs available at the health facility <i>(Give number of tablets)</i>	Quantity of drugs requested for the next quarter <i>(Give number of tablets)</i>
calcium channel blocker		
angiotensin receptor blocker		
angiotensin converting enzyme inhibitor		
thiazide/thiazide like diuretic		
statin		
aspirin		
beta blocker		
Section D: Quarterly supervision		
Was there a supervision visit to this health facility by district staff during the reporting quarter?	Yes	No