

Supplementary Material

Providing guideline-recommended preventive cardiovascular care to Aboriginal and Torres Strait Islander women: exploring gender differences with a medical record review in primary health care

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Table S1: Measures reported in this study against guidelines and nKPIs

	Measure reported	National guide to a preventive health assessment for Aboriginal and Torres Strait Islander people. 3rd ed (NACCHO and RACPG 2018)	Guidelines for the management of absolute cardiovascular disease risk (NVDPA 2012)	CARPA Standard Treatment Manual (7th edition) (RPHCM 2017)	National key performance indicators for Aboriginal and Torres Strait Islander primary health care (AIHW 2019)
Blood pressure recorded	Proportion of clients aged ≥ 18 with blood pressure recorded, with a valid result, in the previous two years	For people aged 18-29, assess opportunistically, and as part of annual health check. For people aged 30-74, assess as part of an ACVR assessment.	Assess as part of a comprehensive risk assessment, as recommended by level of ACVR.		

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Blood pressure lowering medication prescribed</p>	<p>Proportion of clients aged ≥ 20 with blood pressure lowering medication prescribed if:</p> <ul style="list-style-type: none"> • High ACVR • Moderate ACVR • Low ACVR with blood pressure persistently $\geq 160/100$mmHg • Low ACVR but on existing medication <p>and;</p> <ul style="list-style-type: none"> • No contraindication or allergy listed • if information available to calculate ACVR <p>in the last two years</p>		<p>For those considered at high risk, treat with blood pressure lowering therapy unless contraindicated or clinically inappropriate.</p> <p>For those at moderate risk, consider blood pressure lowering medication in addition to lifestyle advice.</p> <p>For those at low risk, consider blood pressure lowering medication if blood pressure is persistently high ($\geq 160/100$mmHg).</p>		
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Lipid profile recorded	Proportion of clients aged ≥ 18 with a lipid profile recorded, with a valid result, in the previous two years	<p>For people aged 18-29 with any of the following: family history of premature CVD, CKD, overweight/obesity, smoking, diabetes, elevated blood pressure; assess opportunistically, and as part of annual health check.</p> <p>For people aged 30-74, assess as part of an ACVR assessment.</p>	Assess as part of a comprehensive risk assessment, as recommended by level of ACVR.		
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<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Lipid lowering medication prescribed</p>	<p>Proportion of clients aged ≥ 20 with lipid lowering medication prescribed if:</p> <ul style="list-style-type: none"> • High ACVR • Moderate ACVR • Low ACVR but on existing medication <p>and;</p> <ul style="list-style-type: none"> • No contraindication or allergy listed • if information available to calculate ACVR <p>in the previous two years</p>		<p>For those considered at high risk, treat with lipid lowering therapy unless contraindicated or clinically inappropriate.</p> <p>For those at moderate risk, consider lipid lowering medication in addition to lifestyle advice.</p>		
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BMI recorded	Proportion of clients aged ≥ 18 with a body mass index recorded, with a valid result, in the previous two years	For people aged 18-29, assess opportunistically, and as part of annual health check. For people aged 30-74, assess as part of an ACVR assessment.	Assess as part of a comprehensive risk assessment, as recommended by level of ACVR.		
Waist circumference recorded	Proportion of clients aged ≥ 18 with a waist circumference recorded, with a valid result, in the previous two years	For people aged 18-29, assess opportunistically, and as part of annual health check. For people aged 30-74, assess as part of an ACVR assessment.	Assess as part of a comprehensive risk assessment, as recommended by level of ACVR.		
Physical activity assessment	Proportion of clients aged ≥ 18 with a recorded physical activity assessment, with a valid result, in the previous two years	For people aged 18-29, assess opportunistically, and as part of annual health check. For people aged 30-74, assess as part of an ACVR assessment.	Assess as part of a comprehensive risk assessment, as recommended by level of ACVR.		

Nutrition assessment	Proportion of clients aged ≥ 18 with a recorded physical activity assessment, with a valid result, in the previous two years	For people aged 18-29, assess opportunistically, and as part of annual health check. For people aged 30-74, assess as part of an ACVR assessment.	Assess as part of a comprehensive risk assessment, as recommended by level of ACVR.		
Smoking status recorded	Proportion of clients aged ≥ 18 with smoking status recorded, with a valid result, in the previous two years	For people aged 18-29, assess opportunistically, and as part of annual health check. For people aged 30-74, assess as part of an ACVR assessment.	Assess as part of a comprehensive risk assessment, as recommended by level of ACVR.		“Proportion of Aboriginal and/or Torres Strait Islander regular clients, aged 15 and over, whose smoking status has been recorded at the primary health care organisation within the previous 24 months.”

Smoking cessation advice	Proportion of clients aged ≥ 18 with a record of smoking cessation advice provided, if a current smoker, in the previous two years	Advise people who currently smoke to quit, assist in smoking cessation, and arrange follow-up visits opportunistically, and as part of annual health check			
MBS 715 recorded	Proportion of clients aged ≥ 18 with a record of an Medicare Benefits Scheme Aboriginal And Torres Strait Islander Peoples Health Assessment (Item 715), in the previous two years				“Proportion of regular clients who are Aboriginal and/or Torres Strait Islander, aged 25 and over and for whom an MBS health assessment for Aboriginal and Torres Strait Islander people was claimed within the previous 24 months.”
	ACVR				

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Information to calculate ACVR</p>	<p>Proportion of clients with a information available to calculate ACVR (blood pressure result, high-density lipid result, total cholesterol result, smoking status, and blood glucose result or HbA1c result or diabetes recorded) in the previous 12 months if:</p> <ul style="list-style-type: none"> • aged ≥ 35 in South Australia, excluding Central Australia • aged ≥ 20 in Central Australia 				<p>“Proportion of Aboriginal and/or Torres Strait Islander regular clients, aged 35–74, with no known history of CVD and with information available to calculate their absolute CVD risk recorded within the previous 24 months.”</p>
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ACVR recorded	<p>Proportion of clients with a recorded ACVR assessment, with a valid result, in the previous 12 months if:</p> <ul style="list-style-type: none"> aged ≥ 35 in South Australia, excluding Central Australia aged ≥ 20 in Central Australia 	<p>Absolute cardiovascular risk assessment be undertaken for Aboriginal and Torres Strait Islander people aged 35 years and over every two years.</p>	<p>For those at high ACVR, review according to clinical context. For those at moderate ACVR, review every 6-12 months. For those at low ACVR, assess every two years.</p> <p>Amendment published March 2020. ACVR should be undertaken every two years for people aged 30 years and over (Agostino <i>et al.</i> 2020)</p>	<p>Assess people 20 years and over. For those at high ACVR, continue to manage as high risk. For those at moderate ACVR review every year. For those at low ACVR, review every two years with Adult Health Check.</p>	<p>“Proportion of Aboriginal and/or Torres Strait Islander regular clients, aged 35–74, with no known history of CVD, who have had an absolute CVD risk assessment recorded within the previous 24 months and whose CVD risk was categorised as one of the following:</p> <ul style="list-style-type: none"> high (greater than 15% chance of a cardiovascular event in the next 5 years) moderate (10%–15% chance of a cardiovascular event in the next 5 years) low (less than 10% chance of a cardiovascular event in the next 5 years).”
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GPMP recorded	Proportion of clients with a recorded Medicare Benefits Scheme GP Management Plan (Item 721), in the previous two years if high ACVR				
TCA recorded	Proportion of clients with a recorded Medicare Benefits Scheme Team Care Arrangement (Item 723), in the previous two years if high ACVR				