

**Multimedia Appendix 3.** Sexual health clinician weighted scorecard developed based on the Australian STI Management Guidelines, TGA Guidelines, reviews of web-based STI/HIV testing services available overseas and UK standards to assess *quality* of available web-based services for HIV/STI testing in Australia in 2022.

Provider					
Indicator	Explanation	Answer	Rubric	Clinical Weight	Notes
<b>Pre-test</b>					
Information	Does the website give accurate <b>health promotional</b> information about the STIs?	Yes	1	3	
		No	0		
Patient History	Did the provider collect a <b>patient history</b> pertinent to the STI test?	Adequate	1	5	This can include any question that assesses the individual's risk for infection. Websites were deemed 'Adequate' if they asked a question about men who have sex with men and a question about Aboriginal and Torres Strait Islander. 'Inadequate' means that the website asked questions, but not specifically about MSM and Aboriginality.
		Inadequate	0.5		
		No	0		
Testing at Appropriate Sites	Does the provider discuss <b>infection at different sites (oral, anal, vaginal, etc.)</b> and/or provide appropriate testing at these sites?	Both	1	5	Some providers may only provide information about infection/testing at a different site, but not offer specimen collection at these sites.
		Information only	0.5		
		Neither	0		
<b>Testing</b>					
Tests Available	Are all tests recommended for a <b>routine STI checkup</b> (chlamydia, gonorrhoea, syphilis, and HIV) available on the web-based platform?	All	1	5	Some web-based services may only provide one or some of the recommended tests, while others will provide all 4.
		Some	0.5		
		Only one	0.25		
		None	0		
		Yes	1	4	

Unnecessary Testing	Does the provider only promote testing for STIs recommended by <b>Australian STI management guidelines</b> ?	No	0		Some services may promote routine testing for STIs that are not currently recommended for routine testing (e.g. herpes, etc.)
Test TGA Approval	Is the test offered <b>Therapeutic Goods Administration (TGA)</b> approved?	Yes	1	5	We will assume that any service that requires the use of a laboratory to analyze a sample is TGA approved.
		No	0		
Test Type	Does the <b>test type</b> offered reflect those recommended by the Australian STI management guidelines (NAAT, etc.)?	Yes	1	4	We will assume that any service that requires the use of a laboratory to analyze a sample meets the guidelines.
		No	0		
<b>Usability</b>					
Instructions	Are their <b>instructions</b> provided for the test or process?	Yes	1	4	This would vary depending on test type; Self-navigated pathology- the process for obtaining a pathology form to take to a pathology and then getting result Self-sampling- the process of receiving the testing kit, instructions to self-collect samples, sending kit back to lab and then getting result Self-testing- instructions on how to use point of care tests at home
		No	0		
Support Contact	Is there an option to <b>contact support</b> for further questions?	Yes	1	3	If yes, the contact options should be provided in the comments.
		No	0		
<b>Follow-up</b>					
Result Communication	How was the result provided? Provider always initiated	Provider	1	4	Two methods (1) Provider initiated would involve active notification from a medical professional to the patient (phone call, SMS, email, etc.). (2) Patient initiated would involve the patient actively
		Patient	0.5		

	OR Patient initiated	No result	0		contacting the provider to receive the result (portal login, call, etc.) OR the patient interpreting their own test result.
Result Interpretation	Is the <b>result interpretation</b> easy?	Yes	1	<b>3</b>	The result was considered somewhat easy to interpret if it had to be self-interpreted by the individual.
		Somewhat	0.5		
		No	0		
Treatment	Is information and/or referral for <b>treatment</b> provided for a positive test?	Provided TX	1	<b>5</b>	There are different levels of what a website provides related to treatment with each building on the previous. (0.25) Websites only offered information on treatment; (0.5) provided a referral to see a GP to receive treatment; (0.75) provided a prescription for the patient to get treatment from a pharmacy; (1) filled the prescription and sent treatment to the person.
		Provided RX	0.75		
		Referral	0.5		
		Information	0.25		
		Nothing	0		
Partner Notification	Is there information on <b>partner notification</b> for positive tests? Are services provided?	Services	1	<b>4</b>	The website could offer their own notification service, provide information or links to other notification services, or offer nothing on partner services.
		Information, no service	0.5		
		None	0		
Disease Notification	Does the provider follow government <b>notifiable disease</b> guidelines and report positive results to the appropriate entity?	Yes	1	<b>4</b>	We will assume that any service that requires the use of a laboratory to analyze a sample, will also report diseases based on guidelines.
		No	0		
<b>Total Quality Score</b>					<b>Max Score= 58</b>