



## The PSA home testing kit survey

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## PSA home testing kit survey

### ***Background***

The survey was hosted online within the GFCT Ltd (formerly The Graham Fulford Charitable Trust) website (<https://www.mypsatests.org.uk>). Men who used the PSA home testing kit service were asked to complete the 10-Qs survey. This project commenced on the 12<sup>th</sup> of May and we received the responses by the 31<sup>st</sup> of May 2021.

### ***Data processing***

Data was exported from source in the XML format and processed further for data quality control check. For quantitative data, the analyses were performed using STATA statistical program version 15. Distribution and percentages are presented. For open-ended questions, the analysis was carried out using IBM SPSS Text Analytics for Survey4. Graphical presentation was created using Microsoft Excel.

### ***Results***

#### ***Overall PSA home kit service rating***

The average of service rating score is 4.6 out of 5 with 5 representing excellent service. 67% of respondents rated the service as “Excellent” and almost 22% rated as above average. Only 6% assess the service rating as low/below average (Table 1 and

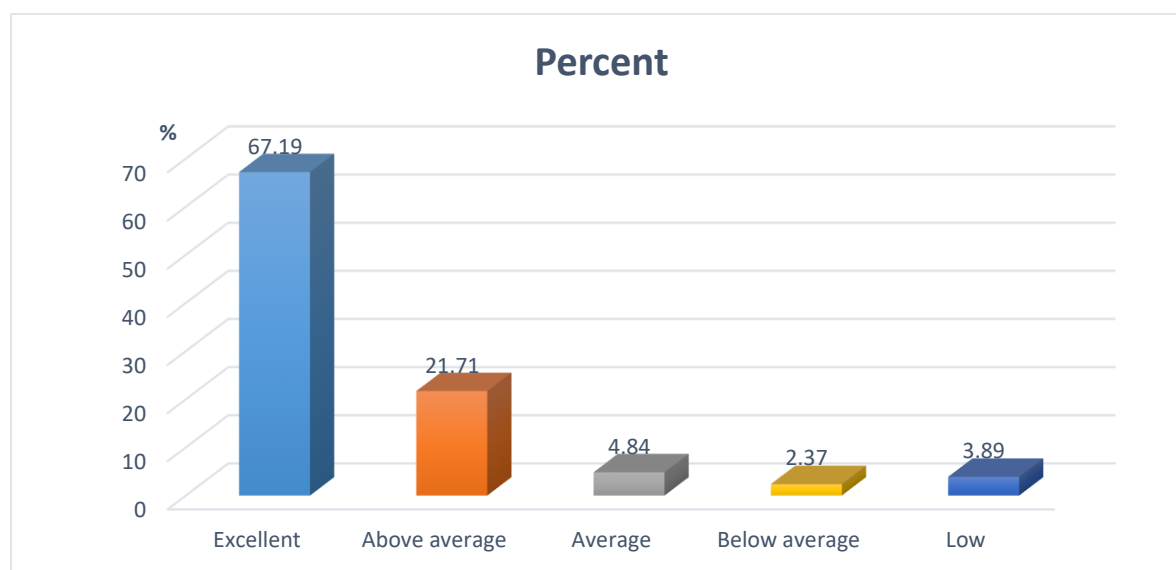
Figure 1).

Table 1 overall rating of the service

<b>Rate Home Testing Kit service</b>	<b>Freq.</b>	<b>Percent</b>
Excellent	1278	67.19
Above average	413	21.71
Average	92	4.84
Below average	45	2.37

Low	74	3.89
Total	1902	100.00

Figure 1 Home Testing Kit service - rating



***About the service***

There are two questions related to the service provided.

Table 2 Distribution of the completion of the PSA home kit test - successfully.

Managed to complete the test successfully	Freq.	Percent
Yes	1691	88.91
No	211	11.09
Total	1902	100.00

Almost 89% reported using the home kit test successfully.

There were 211 men that reported they did not complete the test successfully. Two hundred men provided a reason as shown in Table 3 and Figure 2.

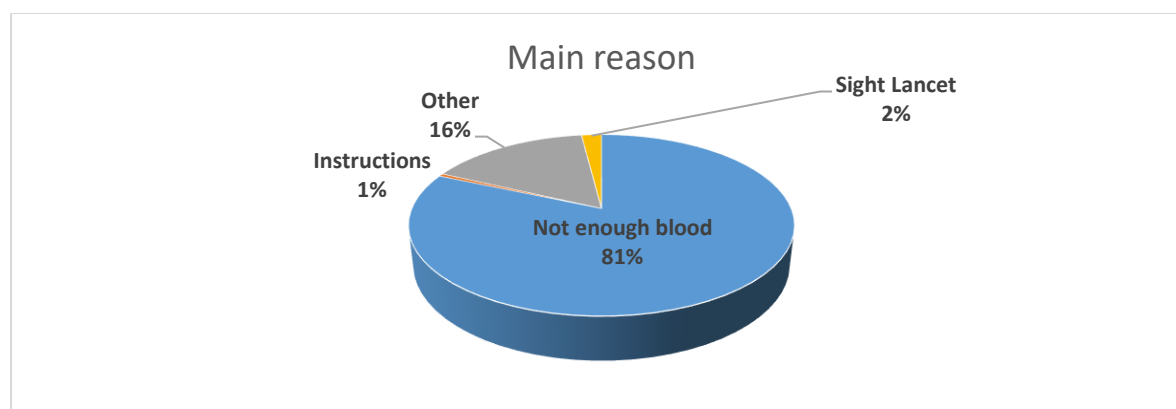
Table 3 Distribution of the main reason for an unsuccessful home kit test.

<b>The main reason</b>	<b>Freq.</b>	<b>Percent</b>
Insufficient Blood	163	81.50
Instructions (not enough or not clear)	1	0.50
Other reasons	32	16.00
Sight Lancet	4	2.00
<b>Total</b>	<b>200</b>	<b>100.00</b>

\*\*\*11 missing\*\*\*

81.50% reported they did not provide a big enough sample of blood to complete the test.

Figure 2 Main reasons for not completing the test successfully



### ***About the returned result***

The next two questions are about the satisfaction regarding receiving the result. Table 4 shows men's views about the result being returned to them in an acceptable time. 93% reported they were happy with the turnaround time. The same percentage was reported with the result format (men can understand the result - see table 5).

Table 4 Distribution of returned result within an acceptable time.

<b>Got the result within an acceptable period of time</b>	<b>Freq.</b>	<b>Percent</b>
Yes	1765	92.80
No	137	7.20
<b>Total</b>	<b>1902</b>	<b>100.00</b>

Table 5 Distribution of result format being understood

<b>Result came in a format you could understand</b>	<b>Freq.</b>	<b>Percent</b>
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Yes	1779	93.53
No	123	6.47
Total	1902	100.00

The next question asked if men agreed that the system automatically generating retesting reminders at suitable intervals was a good thing. Most participants agreed that automated reminders are a good thing.

Table 6 Distribution of retesting reminders

<b>Retesting reminders are a good thing</b>	<b>Freq.</b>	<b>Percent</b>
Yes	1835	96.48
No	67	3.52
Total	1902	100.00

### ***Recommending the service to others***

Results from table 7 below suggest that 90% of men will use the home kit PSA test again.

Table 7 Distribution of the use of home kit test service again

<b>Use service again</b>	<b>Freq.</b>	<b>Percent</b>
Yes	1712	90.01
No	190	9.99
Total	1902	100.00

Ninety-two percent of respondents will recommend this service to their friends and other members of their family.

Table 8 Distribution of Recommendation of service to others

<b>Recommend this service to others</b>	<b>Freq.</b>	<b>Percent</b>
Yes	1745	91.75
No	157	8.25
Total	1902	100.00

### ***Genetic risk assessment***

. Almost 80% of men are willing to take a genetic risk assessment. Within the men who reported yes to the test, 47% will take the test if there is no cost implication.

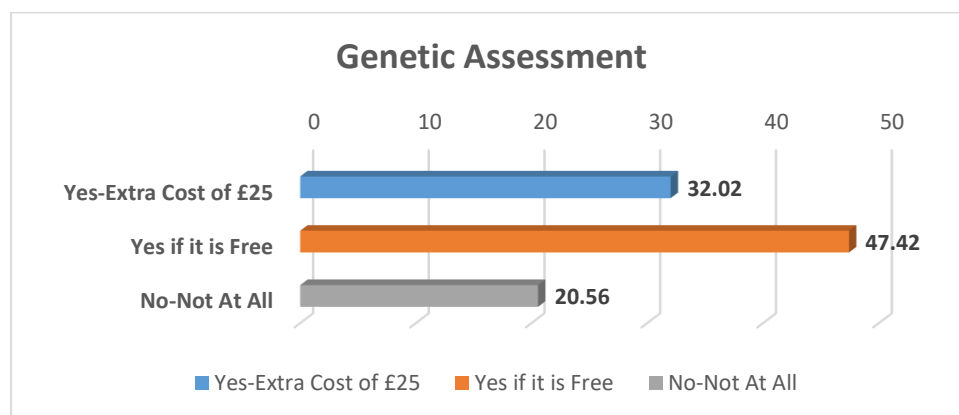


Table 9 and Figure 3 present distribution of mens opinions of genetic risk assessment. Almost 80% of men are willing to take a genetic risk assessment. Within the men who reported yes to the test, 47% will take the test if there is no cost implecation.

Table 9 Distribution of genetic risk assessment

<b>Genetic Risk Assessment</b>	<b>Freq.</b>	<b>Percent</b>
Yes-Extra Cost of £25	609	32.02
Yes if it is Free	902	47.42
No-Not At All	391	20.56
Total	1902	100.00

Figure 3 Genetic risk assessment opinion



***Broadening the test to cover a wider check of prostate health***

About 72% of respondents agreed that the test could be broadened to other prostate health issues (Table 10).

Table 10 Distribution of broader prostate health check

<b>Broader check of your prostate</b>	<b>Freq.</b>	<b>Percent</b>
Yes	1363	71.66
No	539	28.34
Total	1902	100.00

87% reported that they would consider taking a test for other medical conditions via a postal system (Table 11).

Table 11 Distribution of consideration of other medical tests via postal system.

<b>Consider taking a test for other medical conditions</b>	<b>Freq.</b>	<b>Percent</b>
Yes	1658	87.17
No	244	12.83
Total	1902	100.00

### ***Open-ended comment-Text analysis***

Out of 1902, 626 respondents provided comments with a significant majority giving positive feedback.

Below comments are extracted to highlight positive comments.

*“This was the first time that I had used this test. I was very impressed by how easy it was to carry out and how quick I received the results. Absolutely first class service.”*

*“Excellent service apart from the fact that they sent a covid 19 test first, which they wouldn't check. After I complained the PSA test went perfectly.”*

*“Excellent, easy to use and peace of mind without the fuff of going to a doctor.”*

*“Excellent service thank you very much especially as the doctors surgeries don't appear to want to help.”*

*“It was just an excellent way of getting the test done. Much better than travelling to a centre, having to queue etc. The test kit was quite easy to use and the instructions were very clear.”*

*“Excellent and rapid service”*

*"I thought the service was very good, clear, concise and easy to understand. I shall be using this service again. I have recommended it to friends. May not have done a retest, had I got to pay again. Fortunately test was correctly done first time."*

*"Great to have a free test, thank you."*

*"I found it easy to do, well organised and quickly received, very good."*

*"Used this service as Lockdown prevented our normal local testing sessions and found it easy to use and that it provided speedy results at a reasonable cost. If local testing does return I will use that as the cost is covered by Burgess Hill Lions."*

*"Very well organized, and simple to use, certainly recommend your service."*

*"Very good"*

*"I found the procedure non invasive and results were returned very quickly."*

*"Good service received answer quickly."*

*"The time between my home test kit being delivered and results returned to me were very quick. This in turn led me to have a RARP in December 2020. I have since had two follow up PSA blood tests with PSA being undetectable. An excellent outcome"*

*"Easy to use and postage time to results was very quick."*

*"Very quick service"*

*"Quick and efficient."*

*"Think was a fast and efficient service. I recommended into a big group and friends and colleagues. Sparked a debate about the accuracy of the test and the dilemma of what to do next if PSA number raises. All useful conversations in my book."*

*"Very straight forward and results very quick. A very reassuring service."*

*"Easy fast service"*

*"I was very pleased with kit and instructions provided. The kit was easy to use and the results came via e-mail the day after posting."*

*"This service is great no queuing at a venue for the test and fast results too. Thank you all 👍"*

*"Great idea ,the way forward saves all the hassle of going to the doctors"*

*"Well done - excellent team service"*

*"Brilliant service and home testing kit makes this accessible for all."*

*"From posting the sample to getting the result by email was less than 24hrs, very impressive! Earlier Lions Club group test was cancelled due to Covid. Your test result was positive and I have since had a prostatectomy. Probably saved my life!"*

**There are comments which are also helpful for consideration to improve certain aspects of the home testing service.**

*"The test results were returned very promptly which was most appreciated. My one recommendation is to emphasise EXACTLY where the lance should be stuck in the finger...I had 3 tries before success to get the blood sample causing a bit of stress."*

*"Yes found the suggestion to prick finger on side difficult to load the sample vial, would be better if at end of finger as could then smear blood into it."*

*"A very good service. If the blood sample size could be reduced, I'd welcome that. Being on blood thinners, creating such a volume did cause me some concern, but the puncture did heal relatively quickly".*

*"This may be a personal issue with the blood flow in my fingers, but it took a lot of manipulation (and all the supplied lancets) to extract enough blood from my fingers to fill the tiny vial."*

*"In the instructions make it clearer that the "side of the finger" for the prick sample, means the "middle of the finger print area" and not the literal side of the finger (i.e.: not adjacent to the side of the finger nail)."*

## **Conclusion**

The PSA home kit test service has been launched due to the limitations of public events with men attending PSA test events organized by GFCT and supporting groups and various organisations.

The survey was carried out to seek men's opinion on the PSA home kit test service and to explore what elements of the test could be improved. Overall, men were very happy with the service and almost 80 percent of men were willing to do a genetic test either if it is free or with an extra cost.

Comments provided were positive. Some men provided feedback for improvement. Almost 90% of respondents rated the service as excellent or good resulting in an average score of 4.6 out of 5.

In summary, the PSA home kit test service works very well and could potentially be expanded further.