

Reference Number: FOI2021/074
From: Press/Media
Date: 08 March 2021
Subject: FIT Test Failures

Can you provide me with the following data between February 1, 2020 to April 30 2020 inclusive

Q1 If you record the reasons for mask fit test failures at your hospital (eg facial hair) can you break these down by sex?

A1 Information not held – we do not routinely record the reasons for failure of FIT tests.

Q2 Can you break down the total number of fit test failures by the type of mask that was being tested and then, within this, the sex of the person who failed the test?

A2 Following is a list of masks for which we receive a regular supply and this has been broken down into sex of fit test fails. There are a number of other masks which staff have been tested against but due to extremely low pass rates these figures have not been included and these masks are not routinely used within the Trust.

Failures	Aviva Respirator	CorPro Respirator	Cardinal Health	3M 9330+	Meixin
Female	80	95	412	351	433
Male	14	9	115	100	147

Q3 Can you break down the total number of fit tests - both those that were successes and failures - by sex?

A3

	Passes	Failures
Female	681	1371
Male	295	385
Total	976	1756

Q4 Can you tell me, in as much detail as possible, how this data has informed your procurement of masks? Has it changed at all because of the results of mask fit failures?

A4 Yes this data has been used to inform our procurement of masks. Every new mask would undergo a trial period of at least 2 weeks and unless the pass rate was greater than 50% we would not pursue. All of our clinical staff at Liverpool Heart and Chest Hospital have successfully been FIT tested to FFP3, half mask respirator or been provided with an air powered hood.