

Genetic Carrier Screening & Sperm Donors

All patients are offered the option of genetic carrier screening to evaluate the risk of having a child with specific genetic conditions. Please refer to the *Preconception Carrier Screening* handout for general information on this testing. When conceiving with donor sperm, some additional considerations to keep in mind when deciding about pursuing carrier screening include the below.

Please initial each statement

_____ _____ Approximately 70% of individuals who have expanded carrier screening are found to be a carrier of one or more conditions. This means even if you do not pursue screening initially, there is a good chance a donor you choose may have positive carrier screening results and testing would be recommended for you for at least the condition(s) the donor carries.

_____ _____ Each sperm bank screens for some genetic disorders, but the number of conditions and technology varies between banks. Most banks will have a filter option for donors that have screened negative for the condition(s) you carry. There is also the potential to screen a donor of interest for additional conditions if necessary.

_____ _____ Due to the variability in carrier screening labs and tests, there is also a chance that a donor screened positive for a condition you were not tested for. A donor's genetic results may be available when you view their profile, or you may need to specifically ask the sperm bank about what genetic testing has been done. Larger sperm banks often have genetic counselors on staff to review this information with you.

_____ _____ Comparison of results and risks, discussion of options, and support in selecting a low risk donor is available by scheduling an appointment with Dr. Thakur. Prior to your appointment, you would send the donor's genetic screening results for review to tfcgenetics@mrivf.com

_____ _____ We strongly recommend that you wait to purchase and ship sperm until all genetic screening and consults are completed. Carrier screening results take 3 weeks to return.

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If you screen positive, there are three options for choosing a sperm donor:

- *We recommend choosing a sperm donor who has negative carrier screening for the condition(s) you carry.* Most banks have a filter function to show donors with negative screening for specific conditions. Larger banks will continually have more donors available that have undergone expanded carrier screening.
- Choose a sperm donor who has not had carrier screening for the disease(s) you carry and ask the sperm bank if he is available to have further screening. This is more likely available at larger sperm banks with more active donors. There may be a fee for additional testing. It is possible that the donor(s) of interest will not be able to have further screening
- Knowing the increased reproductive risk for offspring, choose a sperm donor who has not been screened for the disease(s) you carry.

I/We have read the above information and am aware of my options and responsibilities regarding carrier screening during the donor sperm process.

I/We understand it is solely our responsibility to review carrier screening results of the sperm donor selected.

I/We understand The Fertility Center staff will not be held responsible if we select a sperm donor that is a carrier of any known or unknown condition.

Partner A (Print and Sign)

DOB

Date

Partner B (Print and Sign)

DOB

Date