SOGC statement on COVID-19 vaccination and fertility

Ottawa, March 18, 2021 – In response to the online rumours suggesting that COVID-19 vaccination may affect future fertility, the Society of Obstetricians and Gynaecologists of Canada (SOGC) released the following statement:

“There is absolutely no evidence, and no theoretic reason to suspect that the COVID-19 vaccine could impair male or female fertility. These rumors are unfounded and harmful.

The widespread social media concern stems from misinformation about the similarities between syncytin-1 (used for placental implantation) and the SARS-CoV-2 spike protein. While the two proteins have several similar amino acids, they remain vastly different. The antibodies produced against the SARS-CoV-2 spike protein would not have cross-reactivity with syncitin-1.

For accurate and evidence based advice, the SOGC encourages you to visit our website with resources for health care providers and resources for members of the public. Please check the reliability of any online news before sharing.”

For further information, please contact media@sogc.com.