Since January 2020 Elsevier has created a COVID-19 resource centre with free information in English and Mandarin on the novel coronavirus COVID-19. The COVID-19 resource centre is hosted on Elsevier Connect, the company's public news and information website.

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CONCLUSIONS: This extensive proteomic study sheds light on the possible effects of SARS-CoV2 infection on reproductive functions and subsequently on male fertility even after apparent recovery from viral infection.

IMPACT STATEMENT: The semen proteomic analysis of the COVID-19 recovered patients portrays a clear scenario of alteration of reproductive function in response to viral infection after clinical recovery, thus corroborating a possibility of virus-mediated impact on male infertility. A similar kind of study on large cohort will also direct the way to combat the viral effect on male reproductive function. This study would guide clinicians in counseling couples affected by COVID-19 as to the possible short term and long term effects on male reproductive potential.

P-452 6:30 AM Wednesday, October 20, 2021

TELEHEALTH DURING THE COVID-19 PANDEMIC: WHAT YOUR PATIENTS ARE REALLY THINKING. Melissa A. Mathes, MD, 1

OBJECTIVE: Prior to the COVID-19 pandemic, most telemedicine visits were used to provide subspecialty care to patients in rural settings. In general, it is known that telemedicine appointments facilitate care in eliminating patients’ waiting time, travel time, and travel expenses. With the current pandemic, many institutions and clinics are turning to virtual care to limit exposures. 46% of consumers are using telemedicine now, compared to 11% in 2019 (1). Overall, patients are satisfied with their care during telemedicine visits. However, patient satisfaction within the infertility population has not specifically been addressed. Our objective is to quantify patient satisfaction in telemedicine visits during infertility care.

MATERIALS AND METHODS: After IRB approval, electronic surveys were sent to all patients who received care through a telemedicine appointment at an academic affiliated private practice infertility clinic. Collection date of surveys occurred from August 5, 2020 to January 9, 2021.

RESULTS: 112 surveys were completed, both in English and Spanish. 38% of respondents were new patients to the practice. 57% of respondents completed the telemedicine appointment with a partner. When asked which of the following ways did the telemedicine appointment aid you, 73% indicated a reduction in travel time, 68.8% indicate the ability to stay home and 36.6% the ability to stay at work. All respondents felt a sense of privacy and/or security during the appointment. Additionally, all respondents felt there was sufficient time for discussion with the provider and they all felt they could ask questions. 95.5% felt extremely satisfied or satisfied with their care. Of the patients who previously had an in-person visit, 16% would prefer telemedicine for all visits, 62.5% would like telemedicine for some appointments and 21.4% prefer in-person visits but would use telemedicine if necessary. All respondents stated they would recommend telemedicine to other women seeking infertility care.

CONCLUSIONS: Almost all patients were satisfied or extremely satisfied with their care they received during their telemedicine appointments. While many continue to prefer in-person visits, providers should continue to offer telemedicine options for patients despite relaxation of restrictions from the COVID-19 pandemic. It is imperative that we continue to modify practice patterns to allow for smooth integration of telemedicine within our practice while maximizing patient satisfaction.

IMPACT STATEMENT: With the COVID-19 pandemic, telemedicine is being used at record numbers. The infertility community needs to continue to provide telemedicine as an option for patients despite relaxation of COVID-19 restrictions.

References: 1. McKinsey and Company. Telehealth: a quarter-trillion-dollar post COVID-19 reality? May 29, 2020. Available at: https://www.mckinsey.com/industries/healthcare-systems-and-services/our-insights/telehealth-a-quarter-trillion-dollar-post-covid-19-reality