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| **About the Measure**  |
| **Domain:** | Genitourinary |
| **Measure:** | Infertility Assessment |
| **Definition:** | Infertility is a condition defined by the failure to achieve a successful pregnancy after 12 months or more of regular, unprotected sexual intercourse or due to an impairment of a person’s capacity to reproduce either as an individual or with her/his partner. |
| **Purpose:** | These guidelines from the American College of Obstetricians and Gynecologists (ACOG) describe how to assess female or male infertility through clinical physical examinations and laboratory testing.  |
| **Essential PhenX Measures:** |  |
| **Related PhenX Measures:** |  |
| **Measure Release Date:** |  |

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| **About the Protocol**  |
| **Protocol Release Date:** |  |
| **PhenX Protocol Name:** | Infertility Assessment |
| **Keywords:**  |  |
| **Protocol Name from Source:** |  |
| **Description:** | The American College of Obstetricians and Gynecologists (ACOG) guidelines describe how to conduct a clinical and laboratory infertility evaluation for females and males. |
| **Specific Instructions:** | Not applicable |
| **Protocol:** | **American College of Obstetricians and Gynecologists (ACOG) Committee Opinion - Infertility Workup for the Women’s Health Specialist**The following information is a summary of the American College of Obstetricians and Gynecologists (ACOG) Committee Opinion - Infertility Workup for the Women’s Health Specialist. For the detailed protocol, see ACOG Committee Opinion, Number 781.A trained healthcare provider should conduct the following evaluations, exams, and tests.**Female**Medical HistoryPhysical ExamPrepregnancy EvaluationIf warranted, conduct the following tests for additional evaluation of infertility:* Diminished ovarian reserve,
* Ovulatory disfunction,
* Tubal factor, or
* Uterine factor.

**Male**Medical HistorySemen AnalysisThe detailed protocol describes how to evaluate the results of the exams and tests and if the results may be associated with infertility.  |
| **Selection Rationale:** | The American College of Obstetricians and Gynecologists (ACOG) Committee Opinion - Infertility Workup for the Women’s Health Specialist guidelines are the gold standard for performing a clinical infertility evaluation in women. |
| **Source:**  | American College of Obstetricians and Gynecologists (ACOG). (2019). Infertility workup for the women’s health specialist: ACOG Committee Opinion, Number 781. *Obstetrics & Gynecology*, *133*(6), 1294–1295. <https://doi.org/10.1097/aog.0000000000003271>  |
| **Availability:** | Available |
| **Life Stage:** | Adult |
| **Language:** | English |
| **Participant:** | Adult men and women |
| **Personnel and Training Required:** | Highly trained medical staff such as obstetricians, gynecologists, or women’s health advanced practice providers. |
| **Equipment Needs:** | Laboratory equipment used to conduct several types of hormone tests and semen analyses.  |
| **General References:** | Practice Committee of the American Society for Reproductive Medicine. (2020). Definitions of infertility and recurrent pregnancy loss: A committee opinion. *Fertility and Sterility*, *113*(3), 533–535. <https://doi.org/10.1016/j.fertnstert.2019.11.025> Electronic address: asrm@asrm.org |
| **Mode of Administration:** | Clinical Examination |
| **Derived Variables:** | None |
| **Requirements:** |

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| **Requirements Category** | **Required (Yes/No):** |
| Major equipment | Yes |
| Specialized training  | Yes |
| Specialized requirements for biospecimen collection  | No |
| Average time of greater than 15 minutes in an unaffected individual | Yes |

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| **Annotations for Specific Conditions:** | No annotations at this time. |
| **Process and Review:** | Not applicable |