Educational Topic 48: Infertility

Rationale:
Infertility is a common condition encountered in women’s reproductive health. Evaluation and management of infertility often involves multidisciplinary and interprofessional care teams, and requires an understanding of reproductive biology within the context of social, economic and health systems.

Student should be able to:

<table>
<thead>
<tr>
<th>Intended Learning Outcomes</th>
<th>Level of Competence</th>
<th>Instructional Method</th>
<th>Assessment Method</th>
<th>ACGME Competency</th>
<th>HSS</th>
<th>Emerging Topics</th>
<th>APGO eResources</th>
<th>EPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Define infertility</td>
<td>K</td>
<td>AL, CE, DT, IL</td>
<td>MCQ, OE</td>
<td>MK</td>
<td></td>
<td>BSR</td>
<td>OTC, uW</td>
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<td>B. List the causes of male and female infertility</td>
<td>K</td>
<td>AL, CE, DT, IL</td>
<td>CP, MCQ, OE</td>
<td>MK</td>
<td></td>
<td>BSR</td>
<td>OTC, uW 1, 2</td>
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<td>C. Describe the pathophysiology of different causes of infertility, including impact of social and environmental factors</td>
<td>K</td>
<td>AL, CE, DT, IL</td>
<td>MCQ, OE</td>
<td>ICS, MK</td>
<td>PH, SD</td>
<td>BSR</td>
<td>OTC, uW</td>
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<td>D. Describe the evaluation and initial management of an infertile couple, with consideration of value-based care and social, economic and health systems factors that may limit access to care, as a member of an interprofessional team</td>
<td>KH</td>
<td>AL, CE, DT, IL</td>
<td>MCQ, OE, OSCE</td>
<td>ICS, MK, PC, SBP</td>
<td>HP, IP, PH, PS, QI, SD, VBC</td>
<td>E, GH</td>
<td>OTC, uW 1, 2, 3, 4, 9</td>
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<td>E. Describe management options for infertility, with consideration of value-based care and social, economic and health systems factors that may limit access to care</td>
<td>KH</td>
<td>AL, CE, DT, IL</td>
<td>CDR, MCQ, OE, OSCE</td>
<td>ICS, MK, P, PC, SBP</td>
<td>HP, IP, PH, PS, QI, SD, VBC</td>
<td>RX</td>
<td>OTC, uW 4, 11</td>
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<td>F. Describe ethical issues confronted by patients with infertility and patients accessing assisted reproductive technologies, including patient safety</td>
<td>KH</td>
<td>AL, CE, DT, IL, S</td>
<td>MCQ, OE, OSCE</td>
<td>ICS, MK, P, PC</td>
<td>PH, PS</td>
<td>E</td>
<td>OTC, uW</td>
<td>7</td>
</tr>
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<td>G. Identify the options for genetic screening and testing in infertility-associated treatments, with a consideration of value-based care</td>
<td>KH</td>
<td>AL, CE, DT, IL</td>
<td>MCQ, OE, OSCE</td>
<td>MK, PC, SBP</td>
<td>HP, PH, QI, VBC</td>
<td>E, GE</td>
<td>OTC, uW</td>
<td>1, 2, 3, 11</td>
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</tbody>
</table>

**Table Notes:****
- **KH**: Knowledgeable
- **AL**: Applying
- **CE**: Competent
- **DT**: Developing
- **IL**: Internally Labeled
- **S**: Self-Identified
- **MCQ**: Multiple-choice questions
- **OE**: Observation
- **OSCE**: Objective structured clinical examination
- **ICS**: Interpretive case studies
- **MK**: Making judgments
- **PC**: Problem-based learning
- **PH**: Practical
- **PS**: Preceptorship
- **E**: Entrustable professional activities
- **OTC**: Online teaching component
- **uW**: Other work-related activities
- **1, 2, 3, 11**: Specific EPA numbers

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