Curricular Components That Support the Functions of EPA 11: Manage Information From a Variety of Sources for Both Learning and Application to Patient Care

1. Evaluating the quality of the information retrieved for informing patient care practice or one’s own professional development (e.g., EHR, social networks, the internet, journal articles)
   - Interprets information retrieved from peer-reviewed sources
   - Recognizes when conflicts of interest exist from a source of information
   - Recognizes the validity hierarchy for study design and study type based on inherent strengths and limitations of different study designs within medical literature
   - Prioritizes the use of evidence-based information or practice guidelines

2. Accessing relevant information in a timely manner to facilitate patient care in the clinical setting
   - Ensures access to appropriate tools and/or technology necessary to retrieve information that enables patient care and minimizes delay in care or referral
   - Maintains awareness of appropriate resources relevant to one’s clinical practice
   - Utilizes information within the scope of practice and recognizes when to request assistance and consultation

3. Performing queries or searches of appropriate data resources to facilitate timely retrieval of relevant information
   - Identifies resources pertinent to one’s clinical practice and professional development
   - Knows relevant terminology and search strategies for querying databases and health records to access information
   - Maintains competence or seeks searching information efficiently within the electronic health record relevant to one’s practice to minimize delays in patient care

4. Filtering data gathered by importance based on parameters such as reliability of the source, validity of the data and immediate usefulness for decision-making
   - Identifies and prioritizes information obtained that is evidence-based with valid references
   - Utilizes information and data sources most relevant to an individual patient and/or patient populations

5. Interpreting and applying information in the context of clinical practice or one’s own professional development (e.g., the context of an individual patient or population of patients for whom one is caring, or the context of one’s own professional formation)
   - Applies resources most relevant to one’s own practice and professional development
   - Recognizes the diversity of patient clinical experiences and applies information in means most relevant to
an individual patient or population

- Communicates information effectively to facilitate understanding amongst patients, caregivers, colleagues, and consultants

6. Storing and managing information in a manner that optimizes retrieval and ensures protection of patient information

- Manages protected health information in compliance with institutional or practice policies
- Secures documents and electronic information containing patient identifiers within standards compliant with safeguarding protected health information
- Creates a system for organizing, categorizing, and linking information for efficient retrieval

7. Maintaining accountability for advancing knowledge and remaining up to date with information pertinent to one's practice

- Identifies knowledge gaps or deficiencies in skills requiring additional resources or professional development
- Identifies personal and professional development activities and resources to maintain competence within scope of practice
- Recognizes unique or emerging characteristics within one’s patient population that require additional knowledge or skill acquisition (e.g., practice in urban or rural settings, military families, mental health, immigrant communities, children with complex and chronic medical conditions, etc.)
- Recognizes the importance of life-long learning to stay up to date in one’s area of practice

8. Recognizing and managing the ambiguity often inherent in data itself or its interpretation

- Utilizes appropriate resources in the context of clinical uncertainty
- Demonstrates ability to weigh and interpret conflicting or ambiguous information or expert consensus opinion to inform practice habits and patient care

9. Developing and maintaining proficiency with technology to facilitate patient care

- Identifies skills needed to effectively utilize information technology
- Applies knowledge and skills gained in relevant training and professional development opportunities to maintain/advance proficiency in the use of information technology for learning and patient care

Curricular Components Authors

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