Preface

The National Council on Radiation Protection and Measurements (NCRP) was chartered as a private corporation by an Act of the U.S. Congress in 1964 to “collect, analyze, develop and disseminate in the public interest information and recommendations about (a) protection against radiation…” It is within the mission of NCRP to make recommendations pertaining to health and safety related to radiation exposure.

In the practice of medicine, radiation safety training is necessary to protect both patients and workers. Recommendations regarding the content and extent of this training have been made by several organizations and professional societies, but these recommendations rarely provide detailed curricula for all staff involved in fluoroscopically guided procedures (FGP). Also, FGP include a broad variety of procedures with a wide variety of typical patient radiation doses. Most existing recommendations do not consider the content of training required for individuals involved in different kinds of FGP, nor do they provide recommendations for the type and capability of fluoroscope to be used.

The purpose of this Commentary is to define an evidence-based, radiation-related classification for FGP based on patient radiation risk; to provide radiation-related recommendations for the types of fluoroscopes suitable for each class of procedure; and to indicate the extent and content of training that ought to be provided to different categories of facility staff who might enter a room where fluoroscopy is or may be performed.

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