Radiation Dose Reduction: Requirements and Options To Reduce Patient Dose (1 hour total)

1. Introduction and Welcome (0:03)
   - California SB1237 (0:05)

2. Discussion of Current Laws, Requirements and Guidelines Related to Dose Reduction (0:11 total)
   - ACR Accreditation Requirements (0:01)
   - IAC Accreditation Requirements (0:01)
   - Joint Commission Sentinel Event Alert 47 (0:01)
   - Image Gently (0:01)
   - Image Wisely (0:01)
   - Choose Wisely (0:01)

3. The Elements of Dose Reduction (0:17 total)
   - Patient/Modality/Exam Selection (0:02)
   - Hardware Dose Reduction Features (0:02)
   - Software Products (Post-Scan Filtering and Edge Enhancement) (0:03)
   - Dose Tracking and Monitoring Products (0:04)
   - Technique Optimization and Proper Equipment Use (0:02)
   - Policies and Procedures (Action Limits, Reporting Procedures, Etc.) (0:02)
   - Staff Training and Feedback Mechanisms (0:02)

4. Combining the Elements Into a Cohesive Approach (0:16 total)
   - Designating a Radiation Dose Reduction Team and Team Leader (0:03)
   - Evaluating Options for each Dose Reduction Element ($/Dose) (0:04)
   - Developing a Timeline and Work Plan to Reduce Dose (0:03)
   - Measuring and Evaluating Results – Knowing the Dose (0:03)
   - Ensuring Adequate Expertise and Continuing Oversight (0:03)

5. Taking Credit for your Good Deeds (0:08 total)
   - Measuring Success – Quantifying Results (0:02)
   - Communicating Results to Staff, Referring Physicians, Patients and the Public (0:02)
   - Answering Questions and Concerns from Stakeholders (0:02)
   - How to Keep up with Changing Requirements and Expectations (0:02)

6. Summary and Conclusion / Q&A (0:05)