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| Treatment Plan Plan Content- Brachy [TPPC-Brachy] | | | |
| Date Created: | 2020-02-28 | Last Revised: | 2020-02-28 |
| Profile Completion Date: |  | Profile Implementation Date: |  |
| Author(s): | Yury Niatsetski, Jim Percy | | |
| Description: | | | |
| Streamline the implementation of the DICOM objects in order to identify a common understanding and key reading of the standard.Define expected RT Structure Set and RT Plan content for brachytherapy treatments for the following types of treatment:  High Dose Rate (HDR) Afterloading  Pulse Dose Rate (HDR) Afterloading  Low dose rate (LDR) Permanent Implants  Low Dose Rate (LDR) Temporary Implants | | | |
| **Rationale for Profile Creation:** | | | |
| Brachytherapy planning and delivery systems have differing interpretations of source positions and ways to report channels. This causes interoperability issues. | | | |
| Clinical Impact: | | | |
| Different Brachy therapy vendors will be able to exchange RT Plan and Structure Set information fully. | | | |