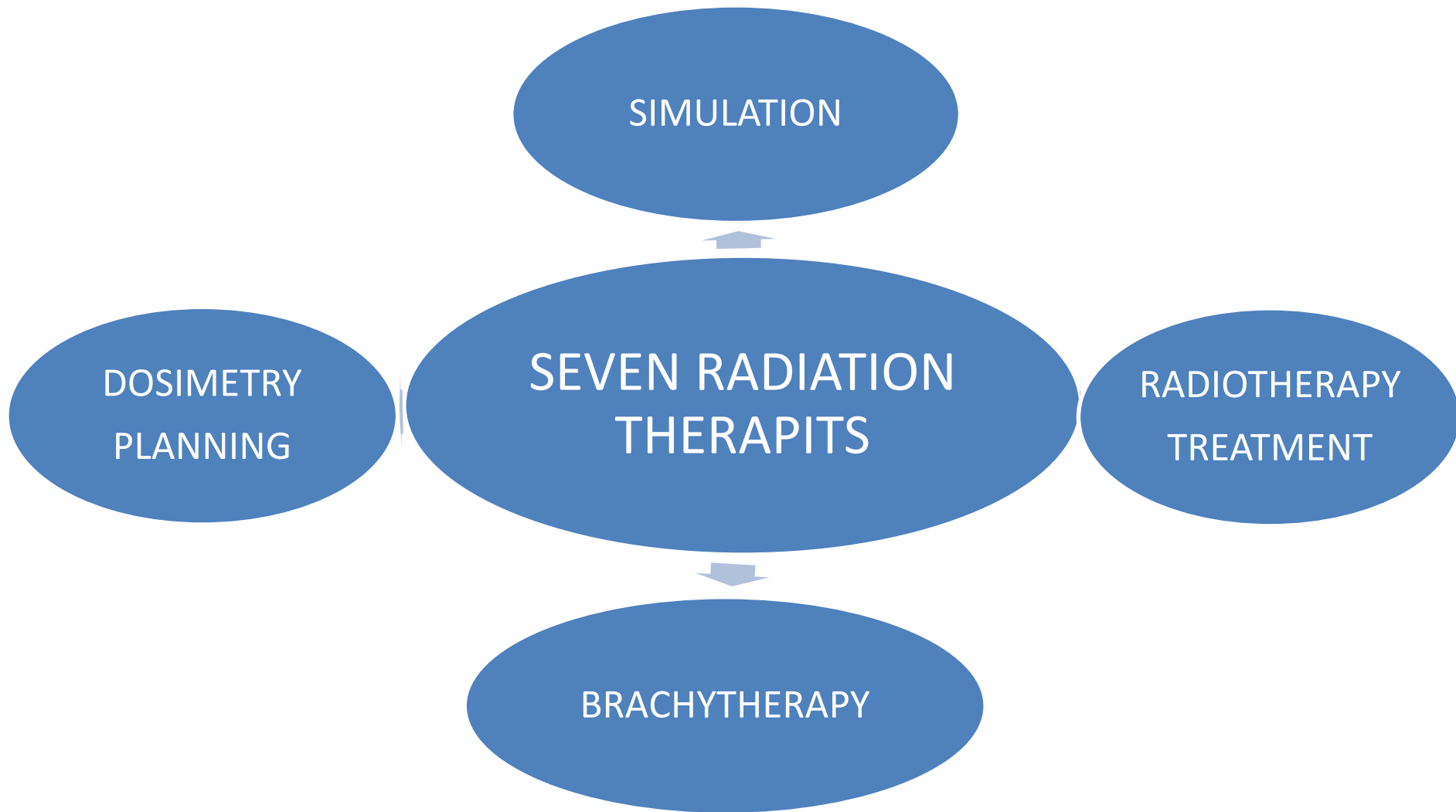
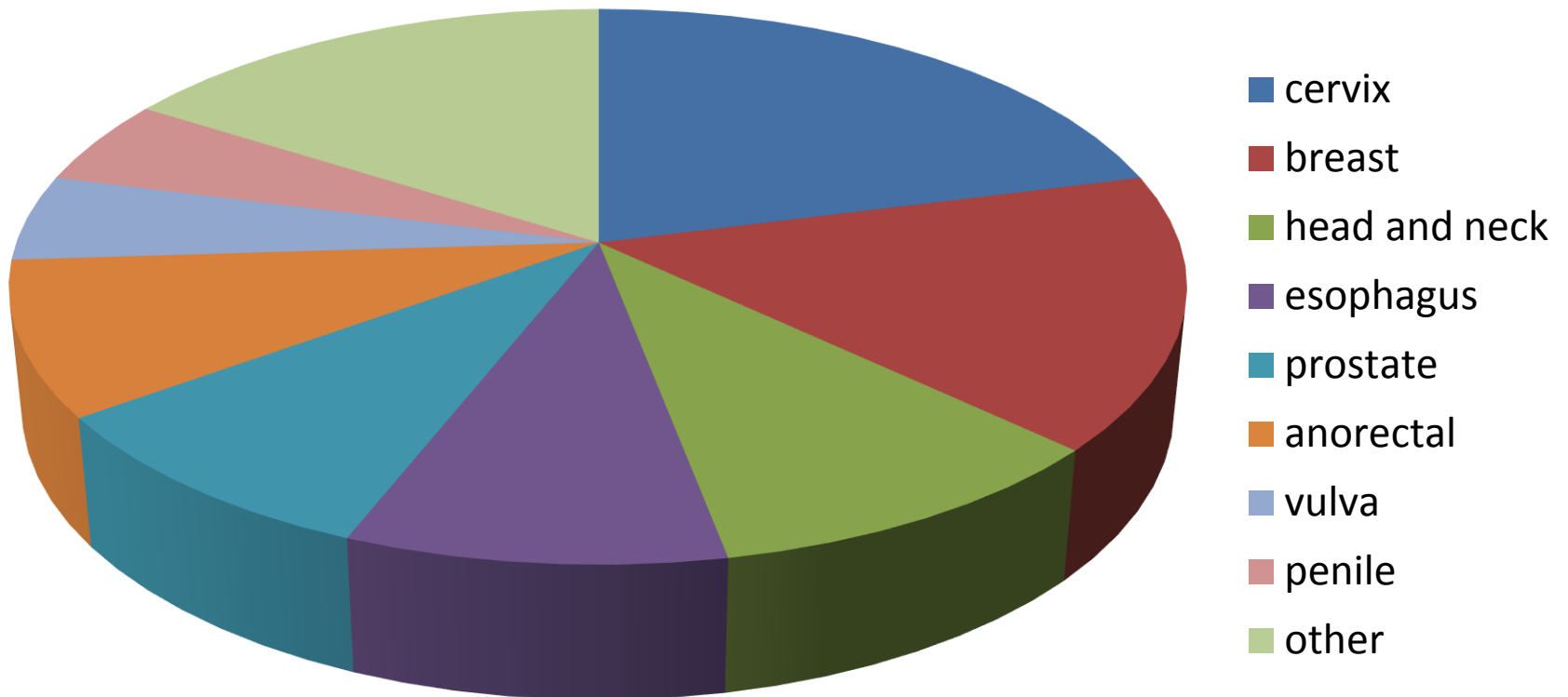


**Session 2: Challenges Experienced by Radiation  
Therapists in the Treatment of Patients with Cancer  
in Challenging Environments**

Linnet Nhari  
Life Gaborone



# Types of cancers



# Challenges



# Simulation

- Shared diagnostic CT Scanner
  - 70cm Bore vs 85-90cm
  - Immobilisation accessory limitations
  - Improvised flat board
  - FOV limitations
- No connectivity with Mosaik – setup notes
- Use of CDs for image transfer ( lost/mixed/not working media)

# Treatment Planning

- CT images not send directly from CT scanner
- Quality of CT images (contouring)
- Iso-centre shift not independent of field shift
- Undo button only for MLC contouring
- Setup scan reference manual transfer introduces errors (auto transfer)
- Limited planning technique for wide patients

# Patient Treatment

- Can not extend imaging panels from outside
- No portals for couch through 90 degrees
- Reproducibility of setups (carry-overs from simulation)
- Height of couch
- Heavy patient (transfer to linacc )
- Automated angle sequencing

THANK YOU

