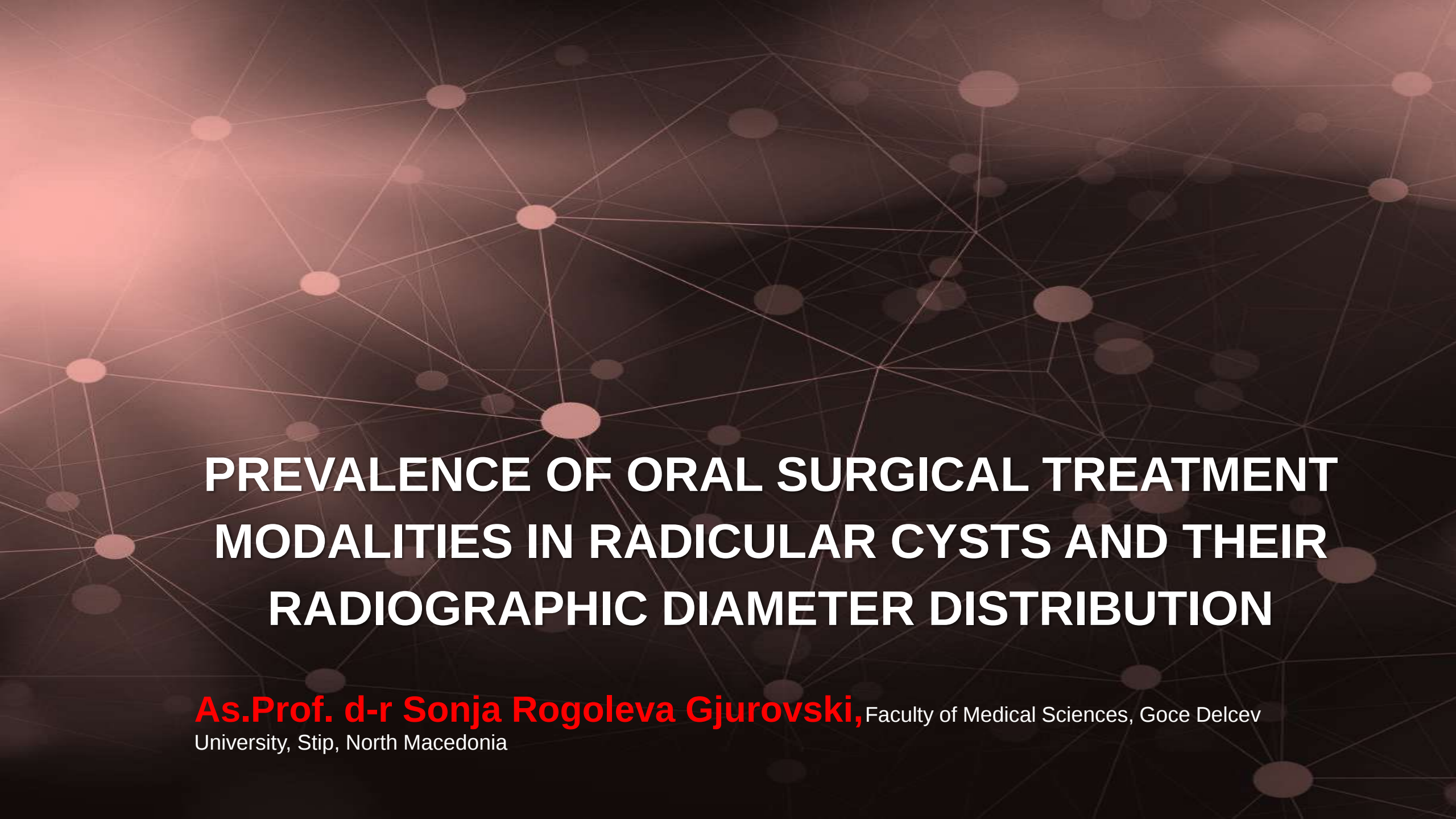




PREVALENCE OF ORAL SURGICAL TREATMENT MODALITIES IN RADICULAR CYSTS AND THEIR RADIOGRAPHIC DIAMETER DISTRIBUTION

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- **Most common odontogenic cysts**
- **Caused by chronic periapical inflammation**
- **Treatment depends on size and location**

Objective:

- **Evaluate the prevalence of treatment modalities**
- **Analyze radiographic distribution of cyst diameter**

Materials and Methods

- 44 patients
- Procedures:
 - Cystectomy with apicoectomy
 - Enucleation with extraction
- Radiographic groups:
 - Group 1: 0.5–1.0 cm
 - Group 2: 1.1–1.5 cm
 - Group 3: 1.6–2.0 cm

Cystectomy with apicoectomy

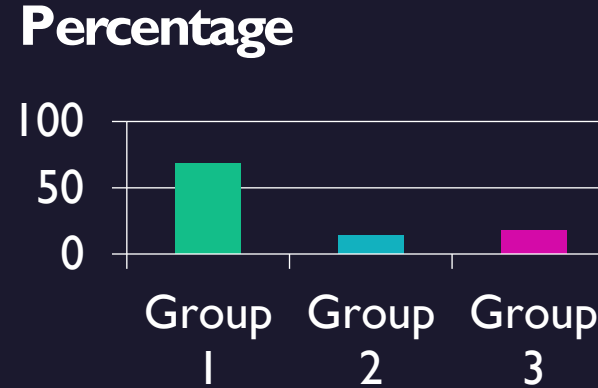


Radiographic Presentation of Radicular Cyst

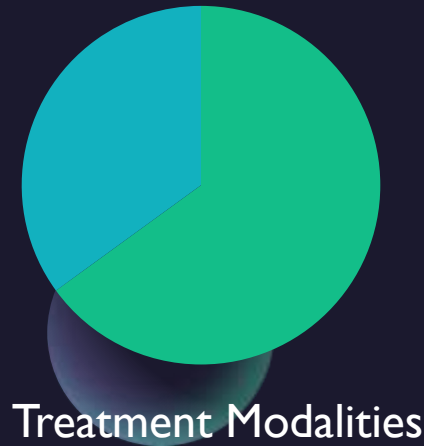
Results and Conclusion

- 68% – Group 1
- 14% – Group 2
- 18% – Group 3

Cyst Size Distribution



- Treatment:
- 65% – Cystectomy with apicoectomy
- 35% – Enucleation with Extraction



Conclusion:

- Smaller cysts were more prevalent
- Preference for tooth-preserving procedure when clinically feasible