# Abstract

Zirconia is a ceramic material with high mechanical properties. This material is similar to metal in strength and is similar to tooth in color. It is a biocompatible material and resist against crack propagation due to its special crystalline form. Because of its strength, we can use it in posterior bridges. It has other applications in dentistry such as dental implants, implant abutments, anterior and posterior crown, bridge frameworks, and posts. In this study, we review some of the applications and characteristics, advantages, and limitations of this material.

## Method

Electronic search from scholar google and science direct data base was performed.

## Conclusion

However, zirconia appears successful in clinical studies, but there is some difficulty and limitations such as veneer porcelain chipping and opacity of this material. Long-term clinical evaluations may be helpful to determine the clinical benefits and difficulties.

- Zirconia
- Dental ceramic

**Presentation:** Poster