**Title:** All Ceramic implant systems  
**Authors:** Roodabeh Koodaryan  
Ali Hafezeqoran

**Abstract:**  
**Introduction:**  
Oral implants improve the quality of life for many of patients. Commercially pure titanium has been and still is the material of choice for oral endosseous implants. Ceramics have however been proposed as an alternative to titanium, because of esthetic and material properties. At present, the material most often used for producing oral implants is yttria-stabilized tetragonal zirconia polycrystal with or without the addition of a small percentage of alumina. The fact is that ceramic materials are white and mimic natural teeth better than the gray titanium, allows an 'improved' esthetic reconstruction for patients. Furthermore, potential health hazards that may result from the release of titanium particles and corrosion products are excluded. However some problems such as lower osseointegration has been reported with ceramic implants compared to titanium implants.

**Aim:**  
This poster describes the advantages, disadvantages and applications of ceramic implants.

**Conclusion:**  
Zirconia, may have the potential to be a successful implant material, although this is as yet unsupported by enough clinical investigations.

**Keywords:** Dental implant, Ceramics, All Ceramic implant systems

**Presentation:** Poster