- Oral Presentation 29
TITLE: Relationship between chronic apical periodontitis (CAP) and systemic disease. Review

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Introduction: Recently, the study of the relationship between dentistry and medicine has increased. The oral pathology most associated with systemic disease is periodontal disease and chronic apical periodontitis. Nowadays, it is interesting to analyze possible associations between them.

Aim: To present an update on the relationship between chronic apical periodontitis and certain systemic diseases.

Material and Methods: A literature research was performed in PubMed database over the last 10 years with the keywords “chronic apical periodontitis”, “apical periodontitis”, “systemic pathology”, “diabetes”, “osteoporosis”, “metabolic syndrome”; to associate them with the chronic apical periodontitis. Clinical trials, Systematic reviews, and metaanalyses were selected. English and Spanish articles with human population were included.

Results: We found 12 items related to systemic disease, 44 with diabetes, 10 with osteoporosis and 1 with metabolic syndrome. Repeated papers were removed. Others were removed because of not being related with the topic or because of being conducted in animals. Finally, we got a total of 16 items, and included other items of interest by manual searching.

Conclusions: Many studies have attempted to associate chronic apical periodontitis (CAP) as a risk factor of systemic diseases such as diabetes mellitus, osteoporosis, metabolic syndrome, renal diseases and neurodegenerative diseases like Alzheimer’s; because they share microbiological and inflammatory similarities.

- Oral Presentation 30
TITLE: Designing a comprehensive oral health care program for the treatment of pre-dementia phase Alzheimer’s disease

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Introduction: Good’s syndrome (GS), first described by Dr. Robert Good in 1954, is the combination of thymoma and immunodeficiency. A typical characteristic