

## **Dr. Joan Otomo-Corgel “Periodontal-Systemic Link”**

Joan Otomo-Corgel, DDS, MPH, is currently associate professor at the UCLA School of Dentistry, Department of Periodontics and chair of periodontal research at the VA Medical Center in Los Angeles. She is past president of the Western Society of Periodontology, National VA Periodontists, and UCLS Chapter of OKU.

### Course Objectives:

- Evaluate current and past studies relating to periodontitis and systemic diseases
- Clinically apply knowledge of current systemic disease implications to alter periodontal/dental therapy
- Review the physiology of the gonadotrophic hormones and their relationship to clinical periodontal and dental therapy
- Describe the phases of life and the associated needs of the female patient from puberty to menopause
- Review specific periodontal implications associated with hormone changes

The connection between periodontal disease and systemic infection is of increasing interest to the dental profession. Periodontal diseases and oral infections have been linked to systemic diseases such as cardiovascular diseases, adverse pregnancy outcomes, respiratory diseases, diabetes and osteoporosis. This course will review the aforementioned systemic diseases and the recent research evaluating their correlation with periodontal diseases and implant therapy. The second half of the course will emphasize “female considerations in periodontal therapy.” Clinical therapy from both the medical and dental (periodontal) management will be described with an emphasis on osteoporosis.