The Audiovisual Aids Subcommittee of the American College of Rheumatology is pleased to present the 2008 Annual Slide Competition winners. This competition is an opportunity for health care professionals to contribute to one of the preeminent slide collections devoted to the rheumatic diseases. More than 170 entries were submitted to this year’s competition. Each submitted image was evaluated not only for a competition prize, but also for inclusion in the ACR Slide Collection on the Rheumatic Diseases.

The 2008 overall competition winner was a composite of a clinical photograph and photomicrograph of atypical mycobacterial scleritis in a patient with ankylosing spondylitis who was receiving treatment with a tumor necrosis factor antagonist (Figure 1). A composite depicting the clinical, radiographic, and arthroscopic findings in a patient with primary hypertrophic osteoarthropathy was the winner in the case study category (Figure 2). In the still image category, an endoscopic photograph of gastric antral vascular ectasia (watermelon stomach) in scleroderma was the winner (Figure 3).

Honorable mention was awarded to images of disabling pansclerotic morphea (submitted by Carl Gau- thier, Jr., MD), “kissing and hugging” osteophytes (submitted by Eddy Disla, MD), giant cell tumor of a tendon sheath and ochronosis (submitted by Leslie Miller, MD), Kümmell’s disease (submitted by Arezou Khosroshahi, MD), disseminated coccidioidomycosis with vertebral involvement (submitted by Juan Elmer Olguin Redes, MD), systemic AL amyloidosis (submitted by Rohit Aggarwal, MD), juvenile dermatomyositis (submitted by Jay Adams), and the radiographic evaluation of possible spondylarthitis (submitted by Marc Miller, MD).

The ACR will be launching its new Online Image Bank at the 2009 Annual Scientific Meeting in October 2009. This Web-based image bank will include images currently in the ACR Slide Collection (3rd edition) as well as more than 300 images not previously published. The winning slides of the 2008 competition, as well as several other noteworthy submissions, will also be included in the ACR Online Image Bank.

The ACR encourages the continued submission of high-quality images to the Annual Slide Competition. The Audiovisual Aids Subcommittee is targeting particular images to enhance the ACR Slide Collection; the wish list can be found at http://www.rheumatology.org/educ/slidecompetition/wishlist.asp. If you have high-quality images that illustrate findings on the wish list or other interesting rheumatic conditions, please submit them to the 2009 Annual Slide Competition. The deadline for the 2009 competition is September 2. If you have any questions regarding the slide competition, please contact products@rheumatology.org.

Winners of the 2008 American College of Rheumatology Annual Slide Competition

American College of Rheumatology Audiovisual Aids Subcommittee

Members of the Audiovisual Aids Subcommittee of the American College of Rheumatology Committee on Education: Alan N. Baer, MD, Baltimore, Maryland (Chair); Brian E. Daikh, MD, Portland, Maine; Eric P. Gall, MD, Chicago, Illinois; Kristine M. Lohr, MD, Lexington, Kentucky; Janet Maynard, MD, Baltimore, Maryland; Erika H. Noss, MD, Boston, Massachusetts; Kathleen M. O’Neal, MD, Oklahoma City, Oklahoma; Terry M. Wolpaw, MD, Cleveland, Ohio; Jennifer Trizuto, BSPT, MPT, San Mateo, California (Association of Rheumatology Health Professionals representative).

Submitted for publication December 12, 2008; accepted December 12, 2008.
Figure 1. Atypical mycobacterium: nodular scleritis (composite). Diffuse conjunctival hyperemia and focal scleral nodules are evident in the right eye of this patient with ankylosing spondylitis and ongoing tumor necrosis factor antagonist treatment (left). Conjunctival biopsy revealed a dense lymphohistiocytic infiltrate in the substantia propria, with numerous magenta-colored intracellular bacilli (Fite’s acid-fast stained; original magnification × 600) (right). An atypical mycobacterial species was isolated from the specimen. Submitted by Daniel Schaffer, MPAS, and Kevin Moder, MD, Rochester, MN.

Figure 2. Primary hypertrophic osteoarthropathy (composite). Note the deep furrowing of the forehead (A), the clubbing of the toes (B), and the large effusion in the right knee (C) of this man with this rare hereditary syndrome. On magnetic resonance imaging of the knee, a large effusion and irregular thickening of synovium are evident (D). Note the hyperemic and villous synovium on the arthroscopic view of the right knee (E). Submitted by Jaejoon Lee, MD, Seoul, Republic of Korea.

Figure 3. Scleroderma: gastric antral vascular ectasia (endoscopic photograph). Dilated blood vessels are seen radiating in a spoke-like manner from the pylorus to the antrum. Submitted by Tamar Brionez, MD, Houston, TX.