FIGURE 179-7 Type 1 leprosy reaction. Increased inflammation of existing lesions. *(From Dr. W. H. van Brakel, with permission from NLR.)*

Type 2 Leprosy Reaction (T2R) T2R, also known as ENL (erythema nodosum leprosum), is an immune complex–mediated syndrome (i.e., an antigen–antibody reaction involving complement) that causes inflammation of the skin, nerves, and other organs as well as general malaise. ENL is an example of a type III hypersensitivity reaction (Coombs and Gell classification) or Arthus phenomenon. This reaction occurs mostly during multidrug therapy but can also develop in untreated patients. Evanescent, pink-to-red maculopapular, papular, nodular, or plaque lesions suddenly appear and are usually accompanied by constitutional symptoms like malaise and fever, with or without painful swelling in the joints **(Fig. 179-8)**. These crops of skin lesions present on the outer aspects of the thighs, legs, and face. They are painful or tender and warm, blanch with light finger pressure, and last for a few days. The lesions change in color from pink/red to bluish and brownish after 24–48 h and turn dark in a week. Rarely, ENL lesions become vesicular, pustular, bullous, and necrotic and break down to produce ulceration