



**FIGURE 76e-29** Dysplastic nevi are irregularly pigmented and shaped nevi melanocytic lesions that may be associated with familial melanoma.



**FIGURE 76e-32** Nodular melanoma most commonly manifests as a rapidly growing, often ulcerated or crusted black nodule. (Courtesy of S. Wright Caughman, MD; with permission.)



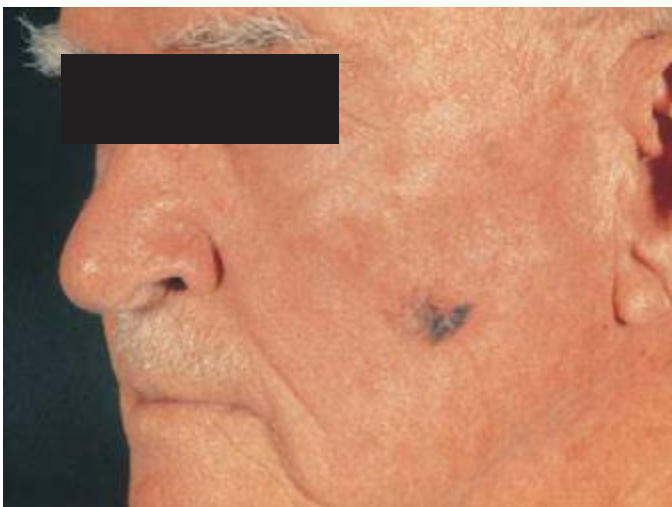
**FIGURE 76e-30** Superficial spreading melanoma, the most common type of malignant melanoma, is characterized by color variegation (black, blue, brown, pink, and white) and irregular borders.

#### INFECTIOUS DISEASE AND THE SKIN

(Figs. 76e-34 to 76e-58) One of the roles of the skin is to function as a barrier from the outside world. In this capacity, exposure to infectious agents occurs, and bacterial, viral, fungal, and parasitic infections may result. In addition, the skin may be secondarily involved and provides diagnostic clues to systemic infections such as meningococemia, Rocky Mountain spotted fever, Lyme disease, and septic emboli. Most sexually transmitted bacterial and viral diseases exhibit cutaneous involvement; examples include primary and secondary syphilis, chancroid, genital herpes simplex, and condyloma acuminatum.

#### IMMUNOLOGICALLY MEDIATED SKIN DISEASE

(Figs. 76e-59 to 76e-70) Immunologically mediated skin disease may be largely localized to skin and mucous membranes and manifest with blisters and erosions such as pemphigus, pemphigoid, and dermatitis herpetiformis. In diseases such as systemic lupus erythematosus, dermatomyositis, and vasculitis, skin manifestations are often only one element of a widespread process.



**FIGURE 76e-31** Lentigo maligna melanoma occurs on sun-exposed skin as a large, hyperpigmented macule or plaque with irregular borders and variable pigmentation. (Courtesy of Alvin Solomon, MD; with permission.)



**FIGURE 76e-33** Acral lentiginous melanoma is more common among blacks, Asians, and Hispanics and occurs as an enlarging hyperpigmented macule or plaque on the palms or soles. Lateral pigment diffusion is present.