After soliciting articles for this issue, we were struck by the broad range of submitted titles. Articles by J. Smith and Bendok et al. provide broad overviews of the disease and its manifestations. Steinberg et al. provide a thorough description of the information currently available on the origins and genetics of moyamoya disease. In other articles, Derdeyn et al., Lee et al., and Bacigaluppi et al. discuss the differing imaging and cerebral blood flow techniques that are available to evaluate the patient with moyamoya disease, and Spetzler et al. give a broad overview of the surgical techniques applicable in treating the condition. Czabanka et al. consider the relative efficacy of revascularization surgery in patient populations of different ages, a theme further amplified by Starke et al. in their evaluation of indirect versus direct operations in this population. Edward Smith reviews the literature on moyamoya syndrome seen in sickle cell disease and discusses the results of surgery in this patient population. The editors are grateful to the staff of the JNS Publishing Group for their help assembling and editing this issue of Neurosurgical Focus.