Summarizes our current knowledge of small vessel disease - a cause of strokes - bringing together expert research from global authorities in the field.

Stroke is a leading cause of death and disability throughout the world. About one in three symptomatic strokes are due to disease of small perforating arteries; however, most effective interventions are targeted at disease of large arteries. The underlying mechanisms and treatment of small vessel disease remain poorly understood. Microbleeds have emerged as a critical imaging marker of small vessel disease, being found in all types of stroke. With increasing evidence that microbleeds are caused by hypertensive arteriopathy and cerebral amyloid angiopathy, they are likely to play a strong future role in increasing our understanding of the causes of small vessel disease and the potential link between cerebrovascular disease and neurodegeneration.

This authoritative and systematic text will be of interest to all clinical researchers and physicians in the fields of stroke and cognitive impairment.