

CHAPTER 4

Thalamocingulate Connections in the Monkey

Hideshi Shibata and Masao Yukie

Chapter contents

Goals of This Chapter 96

Posterior Cingulate Cortex 96

Area v23b 96

Area d23b 97

Retrosplenial Areas 29 and 30 97

Midcingulate Area 24' 97

Area p24c' 101

Area a24c' 101

Anterior Cingulate Cortex 101

Area 24 101

Area 32 104

Area 25 104

**Overall Organization of Thalamic
Connections of the Cingulate Gyrus** 104

**Functional Implications of Thalamocingulate
Connections** 106

**Future Neuroanatomical and Human
Imaging Directions** 108

Acknowledgment 108

References 108