Leiguarda et al reply: We appreciate Okuda and Tachibana’s comments about our apraxia in corticobasal degeneration\(^4\) because they enable us to clarify the status of limb-kineti apraxia, a point which is particularly relevant for the clinical interpretation of the apractic disorders in patients with corticobasal degeneration.

Limb or melokinetic apraxia (originally called “innervatory apraxia” by Klee\(^1\)) was considered by Liepmann to be a form of limb apraxia as a consequence of the loss of “kinetic-innervatory engraving” secondary to “sensotormotor” damage.\(^2\) The disorder is characterised by clumsiness in the performance of fine motor acts by the hand contralateral to the hemispheric damage. All types of movements including gestures, regardless of whether the patient creates or imitates them, become “uncouth, clumsy, inexpert, and preceded by fruitless attempts which only bring the wrong muscles into play.”\(^3\)

The status of limbkinetic apraxia has been debated for over three decades. Most authors have refused to consider symptoms connected with limb-kinetic apraxia as apractic.\(^4\) Geschwind disregarded it completely\(^4\) and Roth et al failed to include limbkinetic apraxia in their neuropsychological model of limbpraxis.\(^5\) Brain concluded that it is simply a partial symptom of pyramidal tract lesion,\(^6\) a view also shared by Auriaguerre and Tissot,\(^7\) Hecaen and Rondot,\(^8\) and Mesulam.\(^9\) De Renzi in particular contends that “limbkinetic apraxia has never been described with sufficient accuracy to be distinguishable from a mild form of paraparesis to gain acceptance by neurologists.”\(^10\)

This may be an extreme view of limb-kinetic apraxia. Liepmann’s definition of apraxia may be summarised as a deficit in the performance of purposeful skilled movements, in the absence of elementary motor (weakness, akinesia, abnormal posture, or tone) or sensory deficits, or of impaired comprehension or memory.\(^1\) The disruption of movement seen in lesions of the corticospinal pathway, or as seen in Parkinson’s disease, can sometimes be fully explained by weakness, akinesia, abnormal posture, or tone. There is an additional breakdown of the movement pattern or formula—Liepmann’s innervatory engraving—that suggests a higher motor disorder or apraxia. This is exactly what is seen to a pronounced degree in corticobasal degeneration, particularly in the initially affected limb. To this extent we agree with Okuda and Tachibana.

We deliberately employed standardised tests for ideomotor and ideational apraxia, however, and concentrated on the less affected limb. We did not explore the contentious topic of limb-kinetic apraxia, because it is such an uncertain area.

Nevertheless, we agree that patients with corticobasal degeneration characteristically exhibit a higher order motor deficit in their dominant hemisphere, which would be happy to call limb-kinetic apraxia if others would allow the term! Our study also shows that many patients with corticobasal degeneration likewise failed to report limb-kinetic apraxia, a failure that we do not think can be explained by limb-kinetic apraxia alone.

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The winter meeting of the British Neuropsychiatric Association will take place in the Conference Theatre London Zoo, on 20 January 1995. The subject will be the neopropsychiatry of vascular disease. For further information please contact Sue Garrett, Administrative Assistant BNPA, 17 Clocktower Mews, London N1 7VW, UK. Telephone/fax 071-226 5949.

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Book Reviews


When the Editor sent this little book to me for review my first response was “Oh dear, another psychiatric vade-mecum”. Other texts about psychiatric emergencies suggest that authors often have difficulty finding enough to say about psychiatric emergencies, with the result that what emerges is a short textbook of psychiatry rather than a text more precisely focused upon emergencies. That can only be done from the perspective of a casualty officer. That is exactly what these authors have achieved by compiling the views of some thirty contributors most of whom, it seems, have had significant experience of being on call in a busy modern general hospital.

The initial section is a series of contributions providing practical and explicit guidance about the assessment of different presenting problems; The Emergency Psychiatric Evaluation, with special emphasis upon neuropsychiatric evaluation, Crisis, The Suicidal Patient, Acute Grief and Disaster Victims, Families

Transient epileptic amnesia—a clinical update and a reformulation

In relation to the interesting article by Kapur\(^1\) on transient epileptic amnesia, I would like to remind your readers of some of the published work related to such findings. Thus experimental studies, using either intracarotid sodium amylobarbitone or electrical stimulation for diagnostic purposes on epileptic patients, have shown associations between the temporal lobe of the hemisphere dominant for speech and both memory and consciousness.\(^1\) It is important to keep this in mind when discussing the anatomical and pathophysiological basis of amnesic phenomena, transient or otherwise.

EA SERAFETINIDES

Transient epileptic amnesia--a clinical update and a reformulation.

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*J Neurol Neurosurg Psychiatry* 1994 57: 1549
doi: 10.1136/jnnp.57.12.1549-a

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