

to be an unusual extrapyramidal neuroleptic side-effect analogous to the perioral "rabbit" tremor described by Jus *et al* (1974), (which is also relieved by anti-Parkinsonian medication (Sovner and Di Mascio, 1978)). I think that the mechanism involved in the abnormal eyelid movements was a massive dopamine blockade, perhaps exacerbated by cholinergic over-activity during withdrawal, (Gardos *et al*, 1978) and relieved by an anti-cholinergic drug.

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TESTICULAR SIZE IN MENTAL HANDICAP

DEAR SIR,

Immature sexual development is common in Down's syndrome and also occurs in cerebral palsy, (Rundle *et al*, 1982) whilst abnormally large testicles are associated with one form of familial mental handicap (Escalante *et al*, 1970).

In a survey of 500 out of 508 adult males in a mental handicap hospital the size of the scrotal testes was either very small or absent in 131 patients, or very large in 56 patients—a total of 187 or 38 per cent of the sample.

The preliminary results of the survey are:

Very small (10 ml or less)	
Down's syndrome (67 patients)	37
Cerebral palsy (31 patients)	19
Others (includes 2 cases of Klinefelters syndrome)	75
	<hr/>
	131
Very large (35 ml or greater)	56
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	187

Of those with very large testes 18 have had blood examined for the fragile X chromosome and the results are positive in 10 cases, negative in 7 and intermediate in 1 (MRC Clinical and Population Cytogenetics Unit, Edinburgh).

There is obviously a large "unknown" problem requiring investigation and further results are expected in the near future.

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