

## PROTOCOL AND MANAGEMENT PROBLEMS\*

Where there any serious deviations from study procedures as outlined in protocol?  No  Yes

Where there any deviations from management approaches as outlined in internationally accepted guidelines?  No  Yes

Was intense hyperventilation ( $\text{PaCO}_2 < 25$  mmHg) used in absence of raised ICP?  No  Yes

Did arterial  $\text{pCO}_2$  inadvertently fall below desired levels at any time?  No  Yes

Did plasma sodium levels increase to values  $> 160$  mmol/l at any time  No  Yes

Were there fluid problems resulting in overhydration or dehydration?  No  Yes

Were there delays in operating mass lesions or was any mass lesion not operated?  No  Yes

If **yes to any of the above**, please comment:

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\*Note: this page is only intended to present examples of protocol and management problems in TBI studies. Items listed should be tailored to study-specific issues.