SAQ

A 4 year old boy is brought to your Emergency Department having sustained a 4 cm eyebrow laceration following a fall at a playground. He is accompanied by his mother.

You plan to suture the wound under procedural sedation using ketamine.

a. List 8 contraindications to ketamine use in this setting (4 Marks)

b. List 4 potential side effects/complications associated with ketamine use in this setting (2 Marks)

c. Complete the following table regarding ketamine usage in paediatric procedural sedation by route of delivery (4 Marks)

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|  | **Intra-muscular (i.m)** | **Intra-venous (i.v)** |
| **Initial dose** |  |  |
| **Top-up dose** |  |  |
| **Advantage** |  |  |
| **Disadvantage** |  |  |