**上海市奉贤区医院住院医师规范化培训**

**成人气管插管穿刺术操作技能考核评分表**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 考核住院医师:${studentName} | | | | | | 考核科室:${deptName} | | | | | |  |
| 日期:${date} | | | | | | 得分:${skillScore} | | | | | |  |
|  |  |  | |  | |  |  |  |  |  |  |  |
| 项目 | | 具体内容要点 | | | |  |  |  | 标准分 | 扣分 | |  |
|  | |  | | | | | | |  |  |  |  |
| 准备 | | 1、向患者家属解释病情，强调插管的必要性及可能存在的并发 | | | | | | | 3 | ${part00} | |  |
|  |  | 症及风险，征得家属的同意并签字 | | | |  |  |  |  |  |
|  |  |  | | | | | | |  |  |
|  |  | 2、准备器械: 喉镜，气管导管，牙垫、导管管芯、导管润滑剂、 | | | | | | | 4 | ${part01} | |  |
|  |  | 吸引装置、给氧装置等。检查并连接喉镜，选择合适的气管导 | | | | | | |  |  |
|  |  | 管，检查气管导管是否通畅、气囊密闭性是否良好，并将导引 | | | | | | |  |  |
|  |  | 钢丝置入导管内 | | | |  |  |  |  |  |
|  |  |  | | | | | | |  |  |
|  |  | 3、选择性插管使用喉镜前，常规应用面罩实行纯氧吸入去氮操 | | | | | | | 3 | ${part02} | |  |
|  |  | 作，以提高体内氧的储备量和肺内氧浓度。 | | | | | | |  |  |
|  | |  | | | | | | |  |  |
| 操作 | | 1、患者仰卧，头部尽量后仰，检查口腔有无义齿及牙齿松动。 | | | | | | | 5 | ${part03} | |  |
|  |  | 如喉头暴露欠佳，可肩背部下垫薄枕。若患者口未张开，以右 | | | | | | |  |  |
|  |  | 手自右口角处将口腔打开。其法是右手拇指对着下齿列，示指 | | | | | | |  |  |
|  |  | 对着上齿列，以一旋转力量启开口肿。 | | | | | | |  |  |
|  |  |  | | | | | | |  |  |
|  |  | 2、左手持喉镜由右口角放入口腔，用喉镜片将舌体推向左侧， | | | | | | | 10 | ${part04} | |  |
|  |  | 沿舌背面向咽喉部缓慢进入，先暴露悬雍垂，后暴露会厌 | | | | | | |  |  |
|  |  |  | | | | | | |  |  |
|  |  | 3、挑起会厌以显露声门。如采用弯镜片插管，喉镜片前端进入 | | | | | | | 10 | ${part05} | |  |
|  |  | 舌根与会厌交界处（会厌谷），然后将喉镜向上、向前提起，显 | | | | | | |  |  |
|  |  | 露声门。如采用直镜片插管，应直接挑起会厌，声门即可显露 | | | | | | |  |  |
|  |  |  | | | | | | |  |  |
|  |  | 4、以右手拇指、示指及中指如持笔式持住导管的中、上段。由 | | | | | | | 20 | ${part06} | |  |
|  |  | 口右角进入口腔，直到导管已接近喉头再将管端移至喉镜片处， | | | | | | |  |  |
|  |  | 同时双目经过镜片与管壁间的狭窄间隙监视导管前进方向，准 | | | | | | |  |  |
|  |  | 确轻巧地将导管尖端插入声门。借助管芯插管时，当导管尖端 | | | | | | |  |  |
|  |  | 入声门后，应拔出管芯再将导管插入气管内。导管插入气管内 | | | | | | |  |  |
|  |  | 的深度成人为 4-5 厘米，导管剪短至中切牙的距离约为 18-22 | | | | | | |  |  |
|  |  | 厘米 | | | |  |  |  |  |  |
|  |  |  | | | | | | |  |  |
|  |  | 5、讲空气（约 3-5 毫升）注入低压气囊，以气囊恰好封闭气管 | | | | | | | 5 | ${part07} | |  |
|  |  | 而不漏气为原则。 | | | |  |  |  |  |  |
|  | |  | | | | | | |  |  |
| 确认 | | 1、听诊腋窝和剑突上的飞呼吸音，双侧肺应一致 | | | | | | | 10 | ${part08} | |  |
|  |  |  | | | | | | |  |  |
|  |  | 2、观察胸廓起伏活动，双侧应均匀一致 | | | | | | | 5 | ${part09} | |  |
|  |  |  | | | |  |  |  |  |  |
|  |  | 3、观察呼气末 CO2（ETC02）波形 | | | |  |  |  | 10 | ${part10} | |  |
|  | |  | | | |  |  |  |  |  |
| 固定 | | 放入牙垫，用胶布将导管固定 | | | |  |  |  | 5 | ${part12} | |  |
|  | |  | | | |  |  |  |  |  |
| 总 体 | | 1、操作熟练、准确、动作迅速 | | | |  |  |  | 5 | ${part13} | |  |
| 要求 | |  | | | |  |  |  |  |  |
| 2、人文关怀 | | | |  |  |  | 5 | ${part14} | |  |
|  |  |  |  |  |  |  |  |  |  |  |