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**Figures and Tables to Accompany "How Complete Are Our Clerkings? A clinical audit at a district general hospital in Kent."**
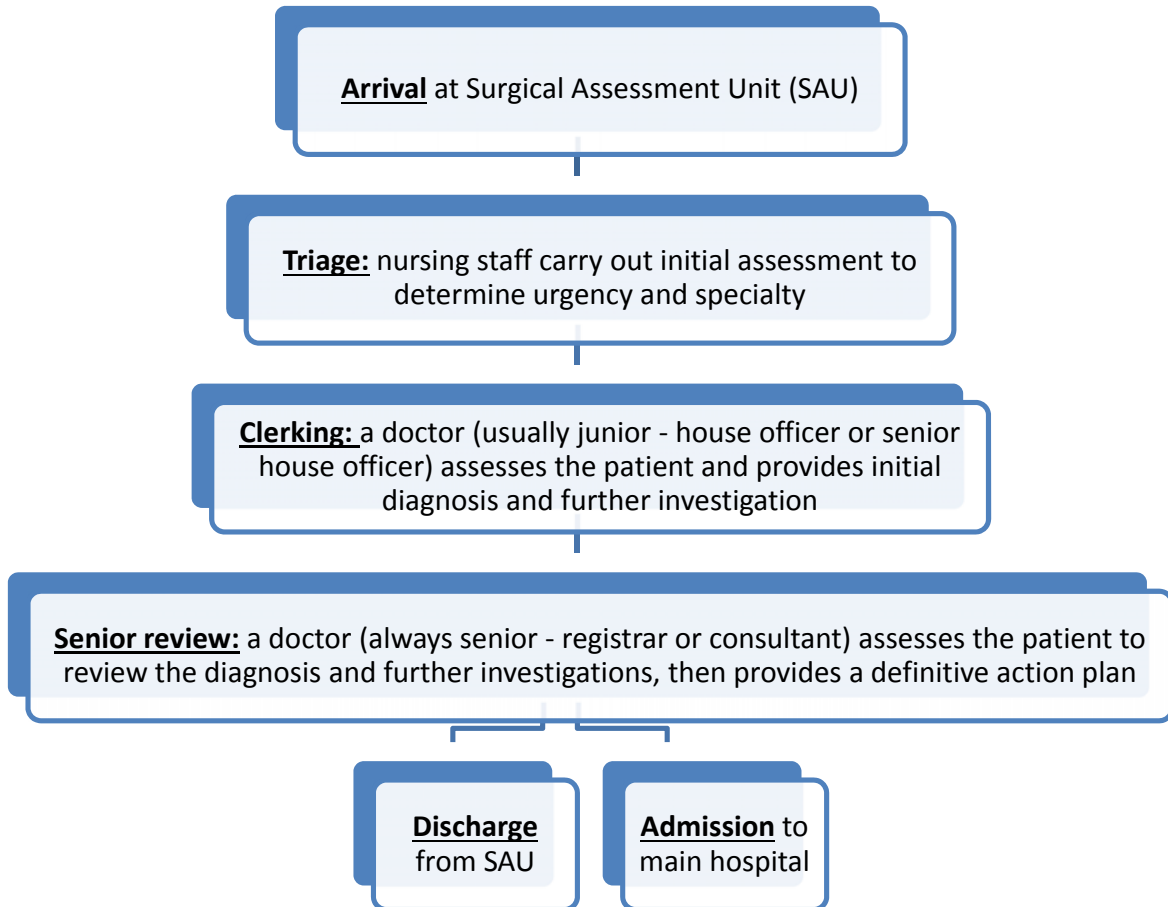
**Arrival** at Surgical Assessment Unit (SAU)

**Triage:** nursing staff carry out initial assessment to determine urgency and specialty

**Clerking:** a doctor (usually junior - house officer or senior house officer) assesses the patient and provides initial diagnosis and further investigation

**Senior review:** a doctor (always senior - registrar or consultant) assesses the patient to review the diagnosis and further investigations, then provides a definitive action plan

**Discharge** from SAU

**Admission** to main hospital

Figure 1: An example patient pathway through the surgical assessment unit

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**Table 1: Proportions of data recorded between cycles 1 and 2**

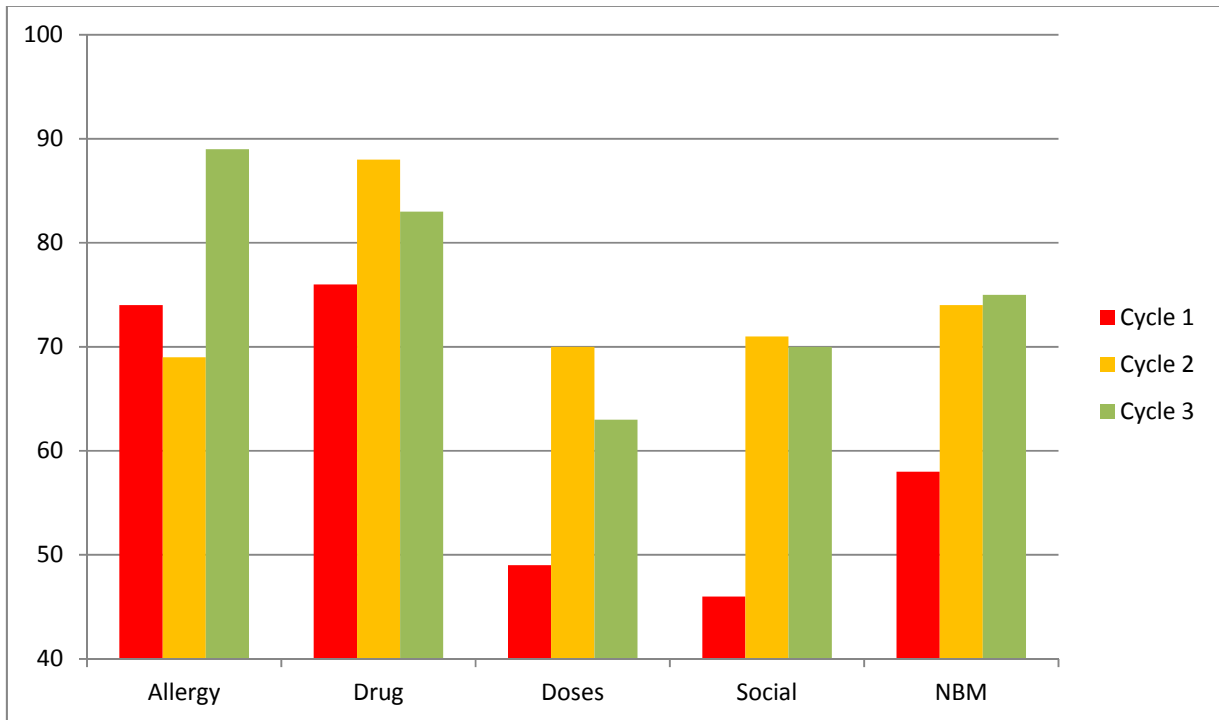|  | cycle | N | Mean |
|---|---|---|---|
| Allergy | First cycle | 170 | .74 |
|  | Second cycle | 150 | .69 |
| Drug | First cycle | 170 | .76 |
|  | Second cycle | 150 | .88 |
| Doses | First cycle | 170 | .49 |
|  | Second cycle | 150 | .70 |
| Social | First cycle | 170 | .46 |
|  | Second cycle | 150 | .71 |
| NBM | First cycle | 170 | .58 |
|  | Second cycle | 150 | .74 |



**Figure 2: Proportions of data recorded during all cycles in graphical form**

**Table 2: Statistical significance of the differences in Table 1**

**Independent Samples Test**

| Cycle 1 to 2 | | | Allergy | | Drug | | Doses | | Social | | NBM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Equal variances assumed | Equal variances not assumed | Equal variances assumed | Equal variances not assumed | Equal variances assumed | Equal variances not assumed | Equal variances assumed | Equal variances not assumed | Equal variances assumed | Equal variances not assumed |
| | t | | 1.077 | 1.073 | -2.694 | -2.738 | -3.919 | -3.941 | -4.634 | -4.662 | -2.995 | -3.017 |
| | df | | 318 | 307.693 | 318 | 312.049 | 318 | 317.516 | 318 | 317.752 | 318 | 317.976 |
| t-test for Equality of Means | Sig. (2-tailed) | | .282 | .284 | .007 | .007 | .000 | .000 | .000 | .000 | .003 | .003 |
| | Mean Difference | | .055 | .055 | -.115 | -.115 | -.212 | -.212 | -.249 | -.249 | -.158 | -.158 |
| | Std. Error Difference | | .051 | .051 | .043 | .042 | .054 | .054 | .054 | .053 | .053 | .052 |
| | 95% Confidence Interval of the Difference | Lower | -.045 | -.045 | -.200 | -.198 | -.318 | -.317 | -.354 | -.354 | -.261 | -.260 |
| | | Upper | .154 | .154 | -.031 | -.032 | -.105 | -.106 | -.143 | -.144 | -.054 | -.055 |

**Table 3: Percentage of data recorded by grade of doctor in cycle 2**

| Grade of doctor | Percentage items recorded (number of clerkings) |
|---|---|
| House officer | 82.0% (48) |
| Senior house officer | 78.6% (83) |
| Registrar | 36.8% (19) |

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**Table 4: Proportions of data recorded between cycles 2 and 3**

|  | cycle | N | Mean |
|---|---|---|---|
| Allergy | Second cycle | 150 | .69 |
|  | Third cycle | 174 | .89 |
| Drug | Second cycle | 150 | .88 |
|  | Third cycle | 174 | .83 |
| Doses | Second cycle | 150 | .70 |
|  | Third cycle | 174 | .63 |
| Social | Second cycle | 150 | .71 |
|  | Third cycle | 174 | .70 |
| NBM | Second cycle | 150 | .74 |
|  | Third cycle | 174 | .75 |

**Table 5: Statistical significance of the differences in Table 3**

Independent Samples Test

| Cycle 2 to 3 |  |  | Allergy | | Drug | | Doses | | Social | | NBM | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  | Equal variances assumed | Equal variances not assumed | Equal variances assumed | Equal variances not assumed | Equal variances assumed | Equal variances not assumed | Equal variances assumed | Equal variances not assumed | Equal variances assumed | Equal variances not assumed |
| t-test for Equality of Means | t |  | -4.520 | -4.401 | 1.324 | 1.338 | 1.394 | 1.400 | .351 | .352 | -.146 | -.146 |
|  | df |  | 322 | 258.187 | 322 | 322.000 | 322 | 319.100 | 322 | 316.493 | 322 | 314.103 |
|  | Sig. (2-tailed) |  | .000 | .000 | .187 | .182 | .164 | .163 | .725 | .725 | .884 | .884 |
|  | Mean Difference |  | -.198 | -.198 | .052 | .052 | .074 | .074 | .018 | .018 | -.007 | -.007 |
|  | Std. Error Difference |  | .044 | .045 | .040 | .039 | .053 | .053 | .051 | .051 | .049 | .049 |
|  | 95% Confidence Interval of the Difference | Lower | -.285 | -.287 | -.025 | -.025 | -.030 | -.030 | -.082 | -.082 | -.103 | -.103 |
|  |  | Upper | -.112 | -.110 | .130 | .129 | .177 | .177 | .118 | .118 | .089 | .089 |