

# IVF Audit

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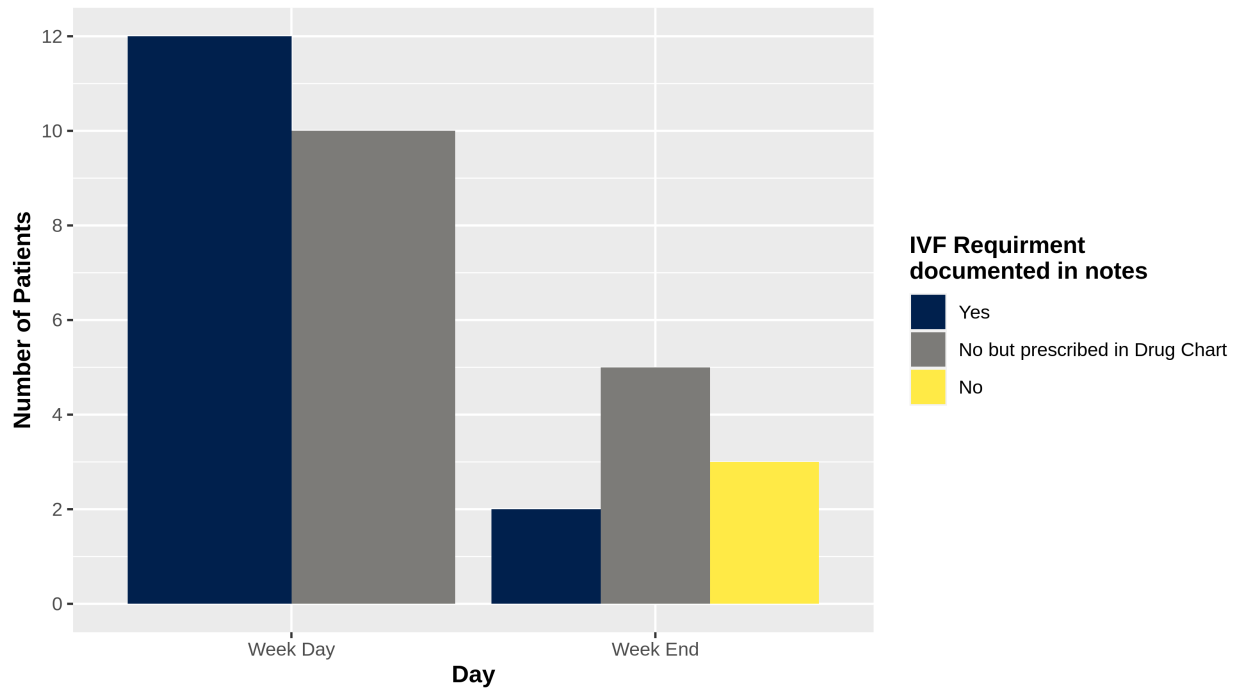
## Are We Compliant with NICE Clinical Guidance No. 174?

**Table 1.1 Overall Compliance Shown Over Weekdays vs Weekends**

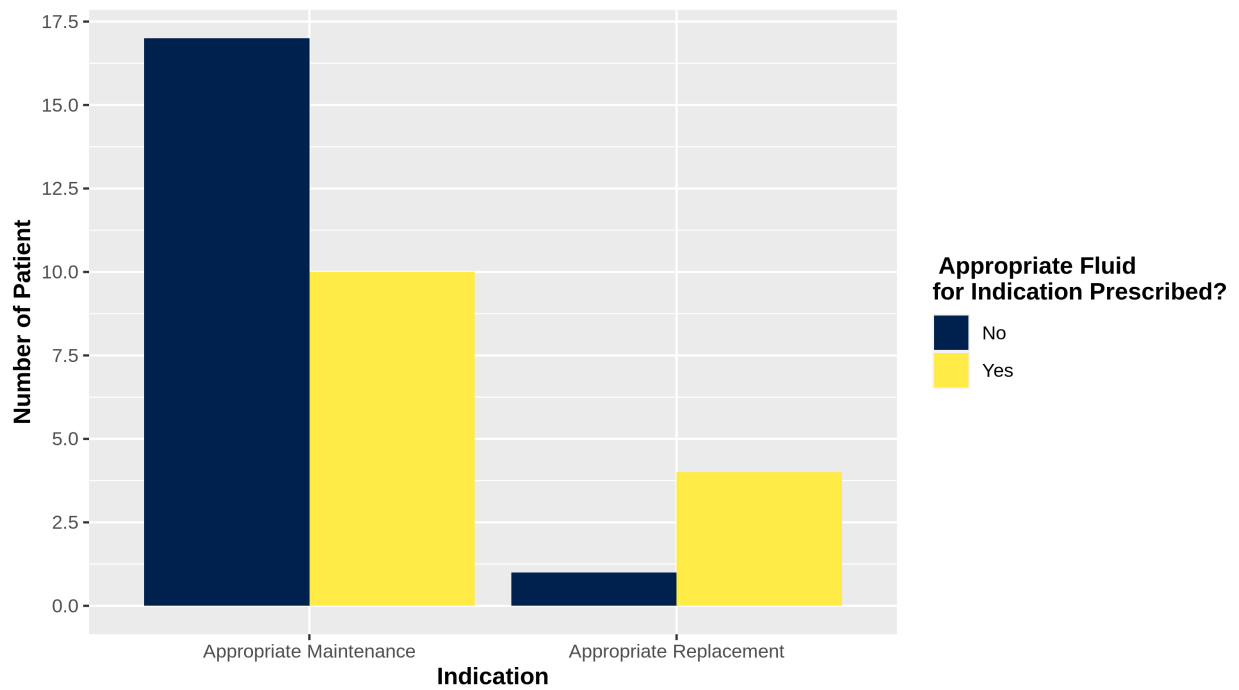
**It seems we have slightly worse performance over the weekend- Not statistically tested**

|   | level                           | Week Day   | Week End   |
|---|---------------------------------|------------|------------|
| n   |                                 | 22         | 10         |
| Specialty (%)                                       | General Surgery                 | 21 ( 95.5) | 10 (100.0) |
|   | Vascular Surgery                | 1 ( 4.5)   | 0 ( 0.0)   |
| Ward (%)  | 5A                              | 19 ( 86.4) | 10 (100.0) |
|   | 5B                              | 2 ( 9.1)   | 0 ( 0.0)   |
|   | 1B                              | 1 ( 4.5)   | 0 ( 0.0)   |
| Documentation in Patient notes to prescribe IVF (%) | Yes                             | 12 ( 54.5) | 2 ( 20.0)  |
|   | No but prescribed in Drug Chart | 10 ( 45.5) | 5 ( 50.0)  |
|   | No                              | 0 ( 0.0)   | 3 ( 30.0)  |
| Fluid Status Documented on Notes (%)                | Not Documented                  | 17 ( 77.3) | 7 ( 70.0)  |
|   | Euovolemia                      | 5 ( 22.7)  | 2 ( 20.0)  |
|   | Hypovolemia                     | 0 ( 0.0)   | 1 ( 10.0)  |
| Weight Recorded in Last 7 days (%)                  | Yes                             | 21 ( 95.5) | 10 (100.0) |
|   | No                              | 1 ( 4.5)   | 0 ( 0.0)   |
| Fluids Balance Recorded for last 24 H (%)           | Partial                         | 9 ( 40.9)  | 1 ( 10.0)  |
|   | Yes                             | 11 ( 50.0) | 8 ( 80.0)  |
|   | No                              | 2 ( 9.1)   | 1 ( 10.0)  |
| U&E for last 24 Hours (%)                           | Yes                             | 22 (100.0) | 8 ( 80.0)  |
|   | No                              | 0 ( 0.0)   | 2 ( 20.0)  |
| Indication for IVF noted in the Plan? (%)           | No                              | 20 ( 90.9) | 7 ( 70.0)  |
|   | Yes                             | 2 ( 9.1)   | 3 ( 30.0)  |
| IVF prescribed for 24H or Fluid Plan noted (%)      | Yes                             | 10 ( 45.5) | 3 ( 30.0)  |
|   | No                              | 12 ( 54.5) | 7 ( 70.0)  |
| Composition (%)                                     | 0.18%NaCl 4%Dextrose            | 9 ( 40.9)  | 6 ( 66.7)  |
|   | 5D + .9NaCl                     | 1 ( 4.5)   | 0 ( 0.0)   |
|   | Hartmann's                      | 6 ( 27.3)  | 2 ( 22.2)  |
|   | 0.45%NaCl 5%Dextrose            | 6 ( 27.3)  | 0 ( 0.0)   |
|   | 0.9% NaCl                       | 0 ( 0.0)   | 1 ( 11.1)  |
| IVF Volume Noted in Prescription (%)                | Yes                             | 22 (100.0) | 9 ( 90.0)  |
|   | No                              | 0 ( 0.0)   | 1 ( 10.0)  |
| IVF Duration Noted (%)                              | Yes                             | 22 (100.0) | 9 ( 90.0)  |
|   | No                              | 0 ( 0.0)   | 1 ( 10.0)  |
| IV Potassium Prescribed? (%)                        | No                              | 9 ( 40.9)  | 5 ( 50.0)  |
|   | Yes                             | 13 ( 59.1) | 5 ( 50.0)  |
| Appropriate Fluids Prescribed? [Maintenance] (%)    | Yes                             | 7 ( 31.8)  | 3 ( 30.0)  |
|   | No                              | 12 ( 54.5) | 5 ( 50.0)  |
|   | Not Required                    | 3 ( 13.6)  | 2 ( 20.0)  |
| Appropriate Fluids Prescribed? [Replacement] (%)    | Yes                             | 2 ( 9.1)   | 2 ( 20.0)  |
|   | No                              | 1 ( 4.5)   | 0 ( 0.0)   |
|   | Not Required                    | 19 ( 86.4) | 8 ( 80.0)  |
| Appropriate Fluids Prescribed? [Resuscitation] (%)  | Yes                             | 0 ( 0.0)   | 0 ( 0.0)   |
|   | No                              | 0 ( 0.0)   | 0 ( 0.0)   |
|   | Not Required                    | 22 (100.0) | 10 (100.0) |

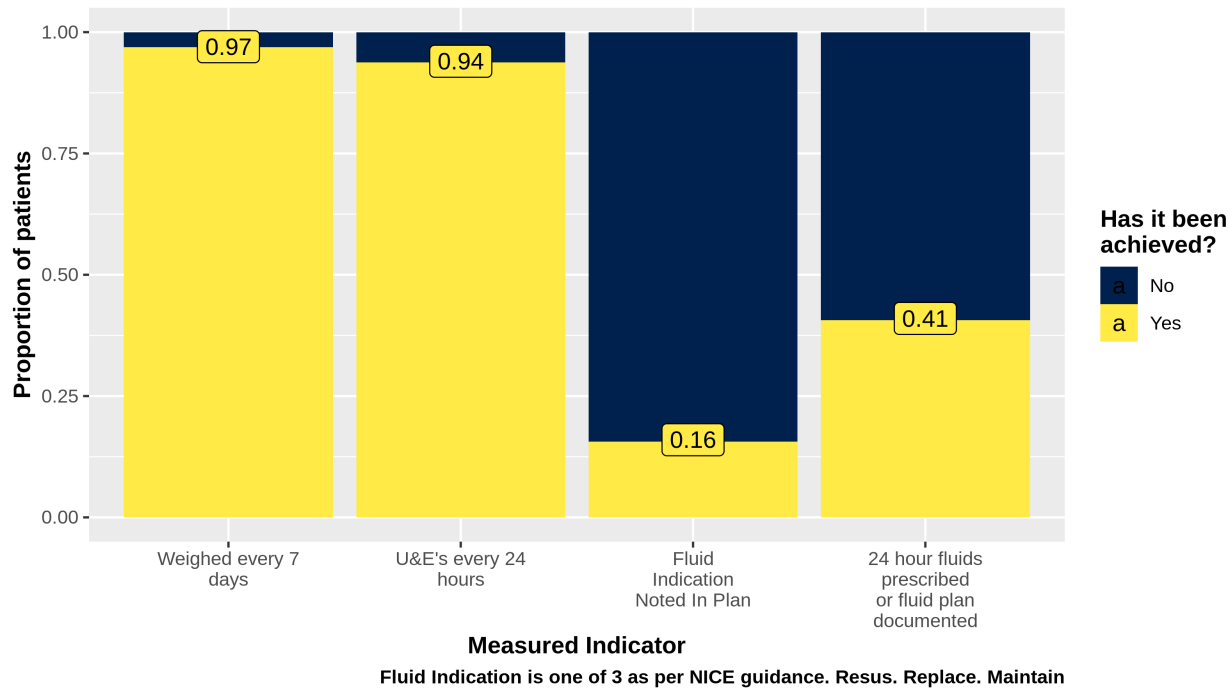
**Plot 1 IVF Requirment Documentation**



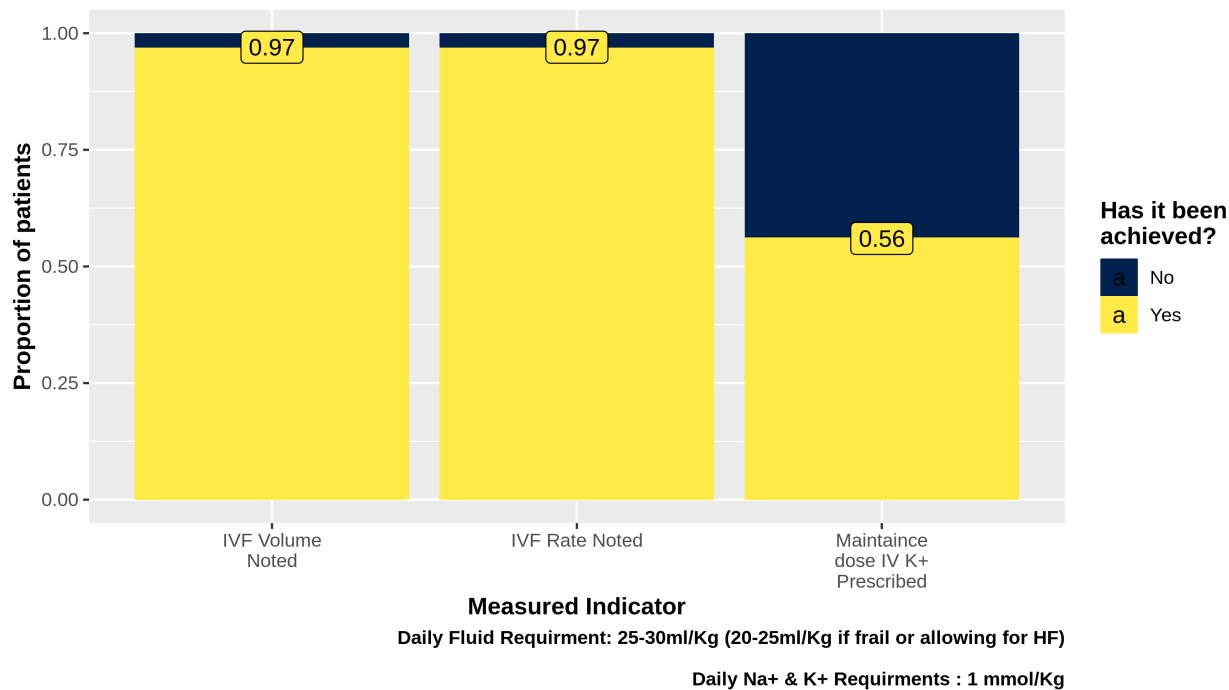
**Plot 2 Compliance to Appropriate Fluids Prescription**



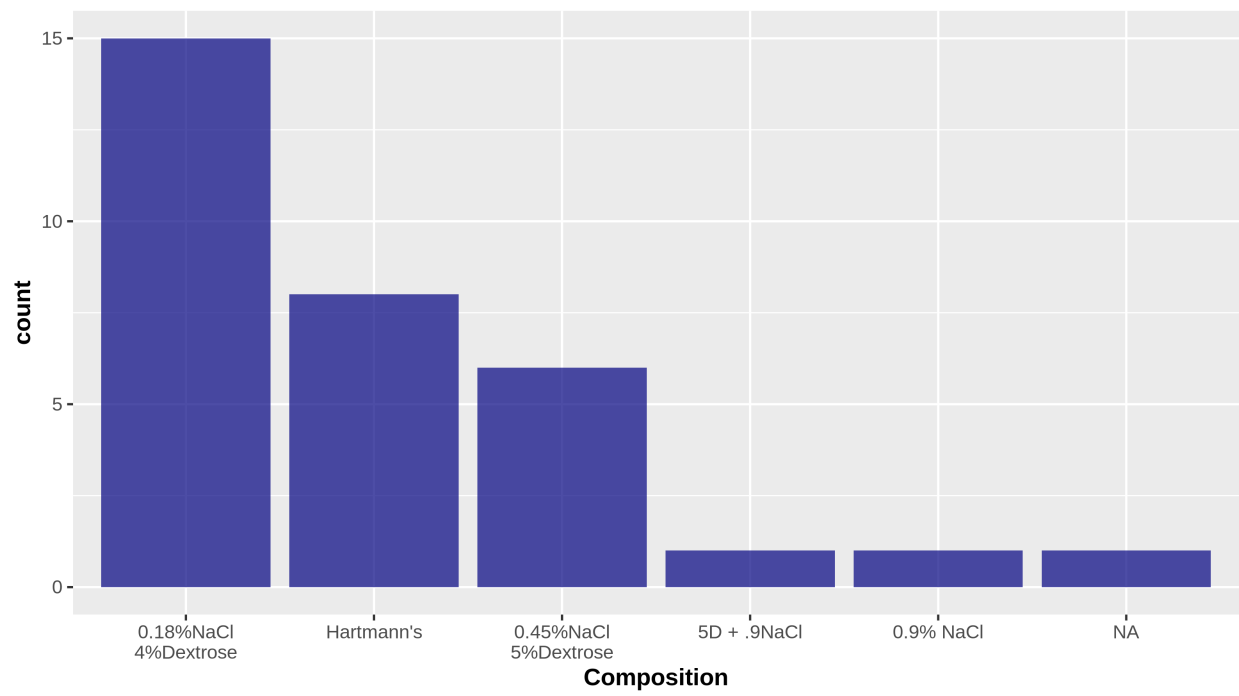
Plot 3 Compliance to Daily Reviews and Proper Documentation



Plot 4.1 Compliance to IVF Specifications



**Plot 4.2**



Over 20 instances of IVF prescription recorded on overnight shift on nerver centre for period of assesment.