Glasgow Health Board, GRI, Traumatic and Orthopaedic Surgery, **NG51 August 2023 2**, F1, Resident. No monitoring.

**Band 1A** (Based on template only)

Steps through the banding flowchart:

 - New Deal Compliant

 - Average work 48 hours a week or less

 - Work pattern is a full shift, partial shift or hybrid

 - 1 weekend in 4 or more frequent (1 in 2.00)

Note: The band of a rota may change if monitored hours of work are different to those suggested by the theoretical work pattern. It is particularly important to remember this if a theoretical work pattern is close to the limits of a particular payband. Differences between calculated prospective cover and actual work done by doctors to cover absent colleagues can also cause a variance between theoretical and monitored bands.

Riddell Formula Calculations

Prospective cover for: Duties outside normal hours.

Leave: F1 - 36 days/annum for 3 doctors = 108 days/annum

Leave: F2 - 66 days/annum for 3 doctors = 198 days/annum

Total leave to be covered for the group = 306 days/annum

Between 6 doctors this is 51 days/annum each (10.2 wks/annum each)

The normal working week = 45:00 per week.

Number of hours in a leave week = 45 (the hours in the normal working week)

For every leave day in the pattern, 09:00 hours has been added to the duty and work hours

(This figure is a fifth of the hours in a leave week)

Riddell hours = (Wkly hrs\*52 - Hol Wks\*Hrs in leave wk)/(52-Hol wks)

Riddell duty hours = ( 2830\*52 - 10.2 \* 2700)/(52 - 10.2) = 2861.72 = 47:42

Riddell work hours = ( 2830\*52 - 10.2 \* 2700)/(52 - 10.2) = 2861.72 = 47:42

New Deal Analysis

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Actual | Target | Comments |
| Average weekly hours of duty | 47:42 | 56:00 |  |
| Average weekly hours of work | 47:42 | 56:00 |  |
| Longest duty period | 13:00 | 14:00 |  |
| Shortest off duty | 11:00 | 08:00 |  |
| Longest 'off duty' period | 68:00 | 62:00 |  |
| Next longest 'off duty' period | 67:00 | 48:00 |  |
| Maximum consecutive duty days |  7 | 13 |  |
| 62+48 hr. breaks every 28 days | OK |  |  |

European Working Time Directive Analysis

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Actual | Target | Comments |
| Average weekly hours of work | 46:38 | 48:00 | Calculated with AL removed as per CEL 14 (2009) |
| Starting each Monday, a 35 hour continuous rest in 7 days or a 59 hour continuous rest in 14 days | OK |  |  |
| 11 hrs continuous rest in any 24 hour period | OK |  |  |

Template work pattern

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Wk | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
| 1 | C: 61 Late12:00 21:00 | C: 61 Late12:00 21:00 | C: 61 Late12:00 21:00 | C: 61 Late12:00 21:00 | C: 61 Late12:00 21:00 |  |  |
| 2 | B: 61 Early08:00 17:00 | B: 61 Early08:00 17:00 | B: 61 Early08:00 17:00 | B: 61 Early08:00 17:00 | B: 61 Early08:00 17:00 |  |  |
| 3 | H: Theatre/Clinic08:00 17:00 | H: Theatre/Clinic08:00 17:00 | H: Theatre/Clinic08:00 17:00 | H: Theatre/Clinic08:00 17:00 | H: Theatre/Clinic08:00 17:00 |  |  |
| 4 | D: 62 Late12:00 21:00 | D: 62 Late12:00 21:00 | D: 62 Late12:00 21:00 | D: 62 Late12:00 21:00 | D: 62 Late12:00 21:00 |  |  |
| 5 | E: 62 Early08:00 17:00 | E: 62 Early08:00 17:00 | E: 62 Early08:00 17:00 | E: 62 Early08:00 17:00 | E: 62 Early08:00 17:00 | J: Long Day08:00 21:00 | J: Long Day08:00 21:00 |
| 6 | Zero Hours | A: Float08:00 16:00 | A: Float08:00 16:00 | A: Float08:00 16:00 | A: Float08:00 16:00 |  |  |

Template normal working days

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Normal Week | Start | End | Rest | Hours | Num of Diary Cards | Ave Start | Ave End | Ave Rest | Ave Hours |
| Mon | 08:00 | 17:00 | 00:00 | 09:00 | 0 | 00:00 | 00:00 | 00:00 | 00:00 |
| Tue | 08:00 | 17:00 | 00:00 | 09:00 | 0 | 00:00 | 00:00 | 00:00 | 00:00 |
| Wed | 08:00 | 17:00 | 00:00 | 09:00 | 0 | 00:00 | 00:00 | 00:00 | 00:00 |
| Thu | 08:00 | 17:00 | 00:00 | 09:00 | 0 | 00:00 | 00:00 | 00:00 | 00:00 |
| Fri | 08:00 | 17:00 | 00:00 | 09:00 | 0 | 00:00 | 00:00 | 00:00 | 00:00 |

Template on call duties

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Intensity | Resident | Start | End | Rest | Hours | Num of Diary Cards | Ave Start | Ave End | Ave Rest | Ave Hours |
| A: Float | Full Shift | Yes | 08:00 | 16:00 | 00:00 | 08:00 | 0 |  |  |  |  |
| B: 61 Early | Full Shift | Yes | 08:00 | 17:00 | 00:00 | 09:00 | 0 |  |  |  |  |
| C: 61 Late | Full Shift | Yes | 12:00 | 21:00 | 00:00 | 09:00 | 0 |  |  |  |  |
| D: 62 Late | Full Shift | Yes | 12:00 | 21:00 | 00:00 | 09:00 | 0 |  |  |  |  |
| E: 62 Early | Full Shift | Yes | 08:00 | 17:00 | 00:00 | 09:00 | 0 |  |  |  |  |
| H: Theatre/Clinic | Full Shift | Yes | 08:00 | 17:00 | 00:00 | 09:00 | 0 |  |  |  |  |
| J: Long Day | Full Shift | Yes | 08:00 | 21:00 | 00:00 | 13:00 | 0 |  |  |  |  |