Glasgow Health Board, SGH, Neurosurgery, RS03 Junior Tier 10 Dr Nov 2014 CB, F2, 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 2.50)

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: F2 - 63 days/annum for 9 doctors = 567 days/annum

Leave: STR - 63 days/annum for 1 doctor = 63 days/annum

Total leave to be covered for the group = 630 days/annum

Between 10 doctors this is 63 days/annum each (12.6 wks/annum each)

The normal working week = 40:00 per week.

Number of hours in a leave week = 40 (the hours in the normal working week)

For every leave day in the pattern, 08:00 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 = ( 2697\*52 - 12.6 \* 2400)/(52 - 12.6) = 2791.98 = 46:32

Riddell work hours = ( 2697\*52 - 12.6 \* 2400)/(52 - 12.6) = 2791.98 = 46:32

New Deal Analysis

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Actual | Target | Comments |
| Average weekly hours of duty | 46:32 | 56:00 |  |
| Average weekly hours of work | 46:32 | 56:00 |  |
| Longest duty period | 13:00 | 14:00 |  |
| Shortest off duty | 11:00 | 08:00 |  |
| Longest 'off duty' period | 76:00 | 62:00 |  |
| Next longest 'off duty' period | 71:30 | 48:00 |  |
| Maximum consecutive duty days | 6 | 13 |  |
| 62+48 hr. breaks every 28 days | OK |  |  |

European Working Time Directive Analysis

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Actual | Target | Comments |
| Average weekly hours of work | 44:16 | 48:00 | 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 |  |  |

Availability of normal days (Based on template only)

In a 52 week period, doctors are available during normal hours on 185 days

This reduces to 125 assuming that 60 of these days will be taken as leave

This is equivalent to 2.4 days per week.

See the paper "The European Working Time Directive 2009" by Yasmin Ahmed-Little and Matthew Bluck in "The British Journal of Health Care Management" 2006, Vol. 12, No. 12 for details of the calculation and its implications.

Template work pattern

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Wk | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
| 1 | D: Nights  20:30 09:00 | D: Nights  20:30 09:00 | D: Nights  20:30 09:00 | D: Nights  20:30 09:00 | Zero Hours |  |  |
| 2 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 |  |  |
| 3 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 |  |  |
| 4 | C: Long Day  08:30 21:00 | C: Long Day  08:30 21:00 | Zero Hours | Zero Hours | A: Friday Night  20:30 09:30 | D: Nights  20:30 09:00 | D: Nights  20:30 09:00 |
| 5 | Zero Hours | Zero Hours | Zero Hours | C: Long Day  08:30 21:00 | C: Long Day  08:30 21:00 | B: Saturday LD  09:00 21:30 | C: Long Day  08:30 21:00 |
| 6 | Zero Hours | Zero Hours | C: Long Day  08:30 21:00 | C: Long Day  08:30 21:00 | C: Long Day  08:30 21:00 |  |  |
| 7 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | G: Short Sat  09:00 12:30 |  |
| 8 | C: Long Day  08:30 21:00 | C: Long Day  08:30 21:00 | C: Long Day  08:30 21:00 | Zero Hours | Stnd Day  08:30 16:30 |  |  |
| 9 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 |  |  |
| 10 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 | Stnd Day  08:30 16:30 |  |  |

Template normal working days

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Normal Week | Start | End | Rest | Hours | Num of Diary Cards | Ave Start | Ave End | Ave Rest | Ave Hours |
| Mon | 08:30 | 16:30 | 00:00 | 08:00 | 0 | 00:00 | 00:00 | 00:00 | 00:00 |
| Tue | 08:30 | 16:30 | 00:00 | 08:00 | 0 | 00:00 | 00:00 | 00:00 | 00:00 |
| Wed | 08:30 | 16:30 | 00:00 | 08:00 | 0 | 00:00 | 00:00 | 00:00 | 00:00 |
| Thu | 08:30 | 16:30 | 00:00 | 08:00 | 0 | 00:00 | 00:00 | 00:00 | 00:00 |
| Fri | 08:30 | 16:30 | 00:00 | 08:00 | 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: Friday Night | Full Shift | Yes | 20:30 | 09:30 | 00:00 | 13:00 | 0 |  |  |  |  |
| B: Saturday LD | Full Shift | Yes | 09:00 | 21:30 | 00:00 | 12:30 | 0 |  |  |  |  |
| C: Long Day | Full Shift | Yes | 08:30 | 21:00 | 00:00 | 12:30 | 0 |  |  |  |  |
| D: Nights | Full Shift | Yes | 20:30 | 09:00 | 00:00 | 12:30 | 0 |  |  |  |  |
| G: Short Sat | Full Shift | Yes | 09:00 | 12:30 | 00:00 | 03:30 | 0 |  |  |  |  |