Indicator of Relative Need

ioRN

Standard measure of functional needs & independence

PETER KNIGHT
Head of Service for Integration Support
ISD Scotland
Principles of integration of health and social care, include:

- Best anticipate needs and prevent them arising
- Take account of the particular needs of different service-users
- Take account of the particular characteristics and circumstances of different service-users
ISD Scotland’s ‘Family tree’ for routine measurement of functional need/status

- SHRUGS (circa 1990)
- SCRUGS (circa 1999)
- RUM/ioRN (circa 2002)
- ioRN for care homes (circa 2008)
- ioRN2 for the community
Components of the ioRN2

- **Standard questions & answer options**
- **ioRN2 Algorithm**

Supported by:
- Training pack (being finalised now)
- Practitioner user resource pack
- Guidance
- Other resources on request
Community ioRN questions
Community ioRN: completion follows an outcome-focussed assessment

Personal themes

• Mobility, transferring and eating
• Personal Care & Food Prep’n
• Mental well-being, behaviour and risk
Features of ioRN2 data

Person-centred
Standardised & consistent
Collectable by health and social care
Shareable information
Generates aggregate info
### Table 1  Example of a report in a person’s recorded functional independence

<table>
<thead>
<tr>
<th>Change in ioRN2 Group:</th>
<th>Initial ioRN</th>
<th>Review ioRN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group Fm</td>
<td></td>
<td>Group B3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Change in individual domains: questions</th>
<th>Answer code</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>initial</td>
<td>review</td>
</tr>
<tr>
<td>ADL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Q1 Eating</td>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td>Q2 Mobility and transferring</td>
<td>C</td>
<td>B</td>
</tr>
<tr>
<td>Q3 Toileting</td>
<td>C</td>
<td>A</td>
</tr>
<tr>
<td>Personal care</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Q4 Washing hands &amp; face</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>Q5 Complete wash</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>Q6 Washing hair</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>Q7 Getting dressed</td>
<td>D</td>
<td>A</td>
</tr>
<tr>
<td>Food and drink preparation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Q8 Preparing main meal</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>Q9 Preparing light snack</td>
<td>D</td>
<td>C</td>
</tr>
</tbody>
</table>
Example 1 - initial and review for ADL, personal care and food and drink questions (Q4 to Q10) and mental well being.

Note: ADL consists of:
1) eating a meal
2) mobilising and transferring
3) using the toilet
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Note: ADL consists of:
1) eating a meal
2) mobilising and transferring
3) using the toilet
Diagram with enhanced categories

**Low ADL**
Total ADL score = 3

- **Low Personal Care/Food/Drink prep**
  Total Personal Care/Food/Drink score = 7-14
  Group A
  - All ADL and personal care/food and drink preparation answers are 'A'
  - If MWB is 6
    - A1
  - If MWB is 7+
    - A1m

- **Medium Personal Care/Food/Drink prep**
  Total Personal Care/Food/Drink score = 15-27
  Group B
  - One or more ADL or personal care/food/drink preparation answers is at 'B' none at 'C' to 'F' answers
  - If MWB is 6
    - A2
  - If MWB is 7+
    - A2m

- **High Personal Care/Food/Drink prep**
  Total Personal Care/Food/Drink score = 28-35
  Group D
  - Personal care/food and drink preparation totals 15-21 points whilst one or no PCFP answers is 'E'
  - If MWB is 6
    - A3
  - If MWB is 7+
    - A3m

**Medium ADL**
Total ADL score = 4

- **No/Low Mental Well-being**
  Total Mental Well-being score = 6
  Group C
  - Personal care/food and drink preparation totals 22-27 points whilst one or no PCFP answers is 'E' or personal care/food and drink preparation totals 22-27 points whilst two or more PCFP answers is 'E'
  - If MWB is 6
    - B1
  - If MWB is 7+
    - B1m

- **Medium Mental Well-being**
  Total Mental Well-being Score = 7-9
  Group E
  - Personal care/food and drink preparation totals 22-27 points whilst two or more PCFP answers is 'E'
  - If MWB is 6
    - B2
  - If MWB is 7+
    - B2m

- **High Mental Well-being**
  Total Mental Well-being Score = 10-12
  Group G
  - Personal care/food and drink preparation totals 22-27 points whilst two or more PCFP answers is 'E'

**High ADL**
Total ADL score = 5-9

- **Low Bowel Management**
  Response to Question 12 = 'A'
  Group F
  - No/Low mental well-being Total mental well-being score = 6-7
  - High Mental well-being Total mental wellbeing score= 8-12

- **No/Low mental well-being**
  Total mental well-being score = 6-7
  Group G

- **High Bowel Management**
  Response to Question 12 = 'B'
  Group H
  - Personal care/food and drink preparation totals 22-27 points whilst two or more PCFP answers is 'E'

**Group I**

Note that the cipher 'm' may be added to all Groups where MWB is 7+ e.g. FM

**ADL** — activities of daily living: eating, mobilising and using the toilet
**PCFP** — personal care & food/drink preparation
**MWB** — mental well-being, behaviour and risk
Percentage distribution of ioRN groups by named team
Change in ioRN group: all teams

sample are people who have two ioRN groups
Change in ioRN group: all teams

Sample are people who have two ioRN groups.
Chart 5  Overall summary of changes in IoRN2 Groups between point of referral and prior to discharge

- Improved: 62%
- Stayed same: 33%
- Deteriorated: 5%
Based on insight gained from an assessment

Person-centred information

Collectable across health, social care and housing

Complements information on personal outcomes

Provides information for a wide range of purposes

Useful to practitioners...and to management
Estimated hours per week of informal care given by carers: cumulative percentages by ioRN Group; Clackmannanshire data
Common Tool, Common Language: Supporting Integration
ioRN2
development report (July 2017)
‘Outcomes Count’
With a Foreword by Scotland’s Chief Nursing Officer, Chief Social Work Adviser (to the SG), and Chief Health Professions Officer


Or check webpage:
http://www.isdscotland.org/Health-Tops/Health-and-Social-Community-Care/Dependency-Relative-Needs/In-the-Community/