



# Analysis of a Novel Digital Clinical Placement (DCP) Framework Design

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# Digital Clinical Placement (DCP)

A novel Digital Clinical Placement (DCP) framework was designed and led by:

- the radiotherapy education team at the Christie NHS Foundation Trust
- clinical subject matter experts across the MDP

# Key clinical stakeholders

Therapeutic radiographers

Diagnostic radiographers

Physicists

Dosimetrists

Engineers

Adult nurses

Paediatric nurses

Midwives

SALT

Physiotherapy

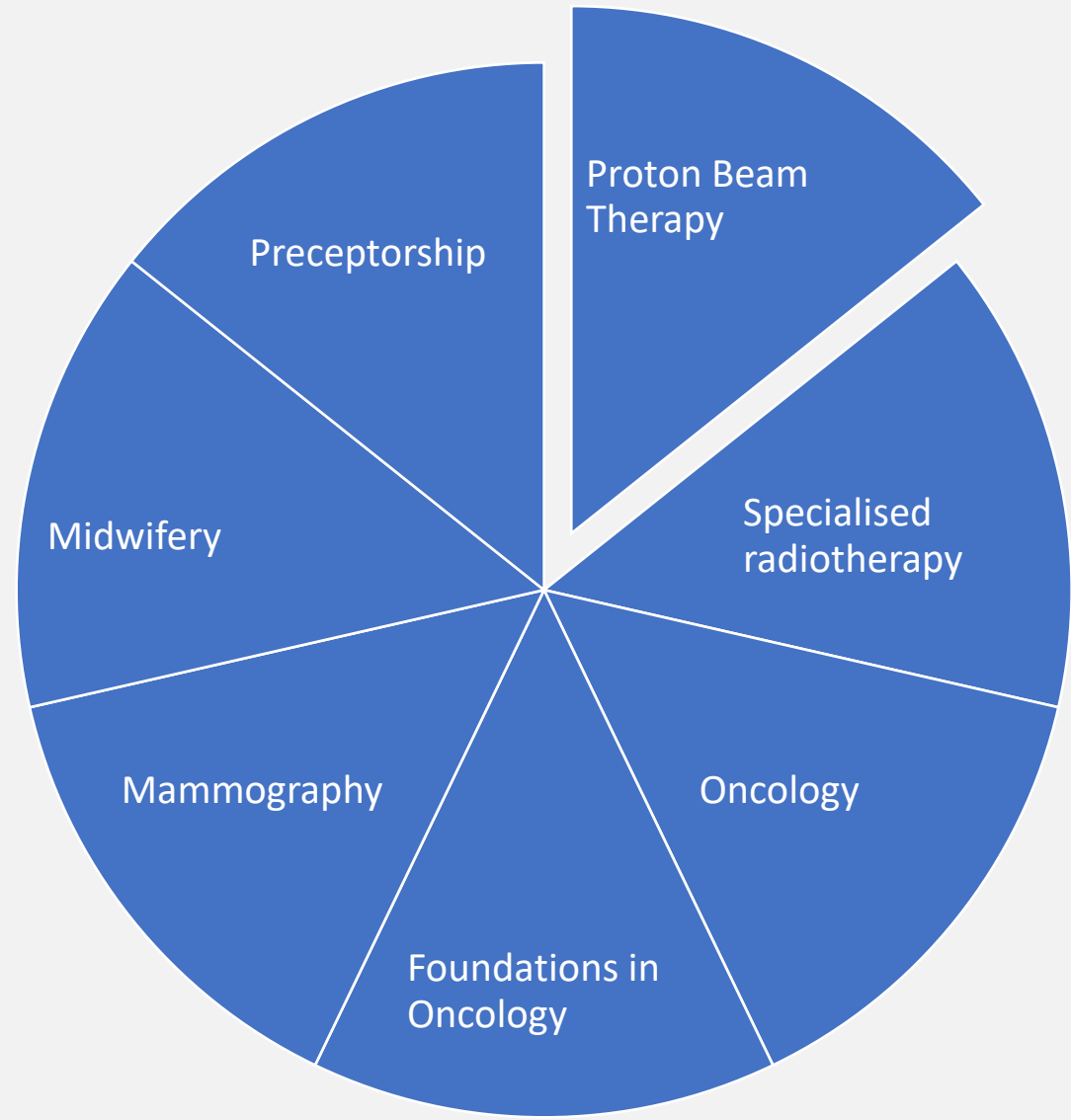
Pharmacy

Occupational therapy

Chaplaincy and spiritual care

... and **more!**

# Current DCP programmes





**1. Learning environment and culture** relates to the settings within which learners are located and where the activity of education and training takes place.



**2. Educational governance and commitment to quality** describes the organisational ethos, priorities, structures, rules and policies in place to support learning.



**3. Developing and supporting learners** sets out the resources, support and tools learners need to succeed.



**4. Developing and supporting supervisors** covers the resources and support required by those guiding and overseeing the clinical and educational development and progression of learners.



**5. Delivering programmes and curricula** articulates how organisations can provide for learners' education and training needs, including placement providers' collaboration with the wider system to achieve this.



**6. Developing a sustainable workforce** underpins the other 5 domains by aiming to significantly improve the retention, progression and development of the whole workforce.

# **DCP learning and impact**

- Learning was assessed via:
  1. Pre-and post placement self assessment - measuring knowledge, skills, confidence and commitment across the following eight domains in line with professional attributes



# Digital Clinical Placement Learning Gains - Specialised RT Cohort 4 - 4th December 2023

## 1. Learning gains questionnaire

The purpose of this survey is to gather your views on the level of knowledge, skill, confidence and commitment you have in eight key areas:

- **Leadership**
- **Empathic Communication**
- **Team work and Problem Solving**
- **Reflective Decision Making**
- **Respect and Dignity**
- **Care and Compassion**
- **Responsibility and Courage**
- **Influencing change**



### 3. Question 1 – ‘Being a Leader’

**By being a leader, we mean having the skills, knowledge, confidence and commitment to lead a group of fellow students in a group activity, successfully meeting a group aim/objective.**

**How would you rate yourself as a leader in each of these areas?**

	Excellent	Above Average	Average	Below Average	Novice
Skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Confidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commitment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please feel free to add your thoughts/feelings/comments in relation to the question asked

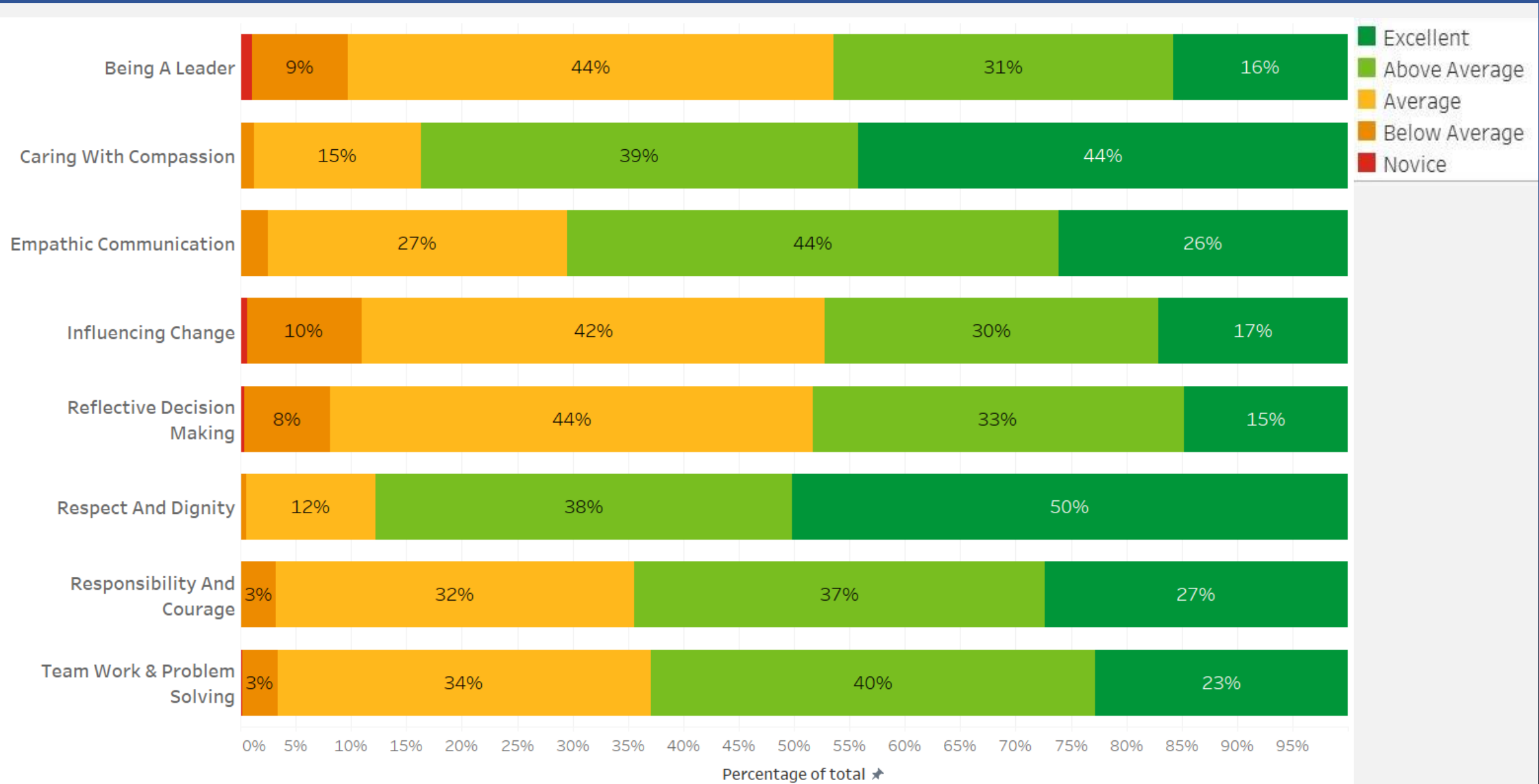


# **DCP learning and impact**

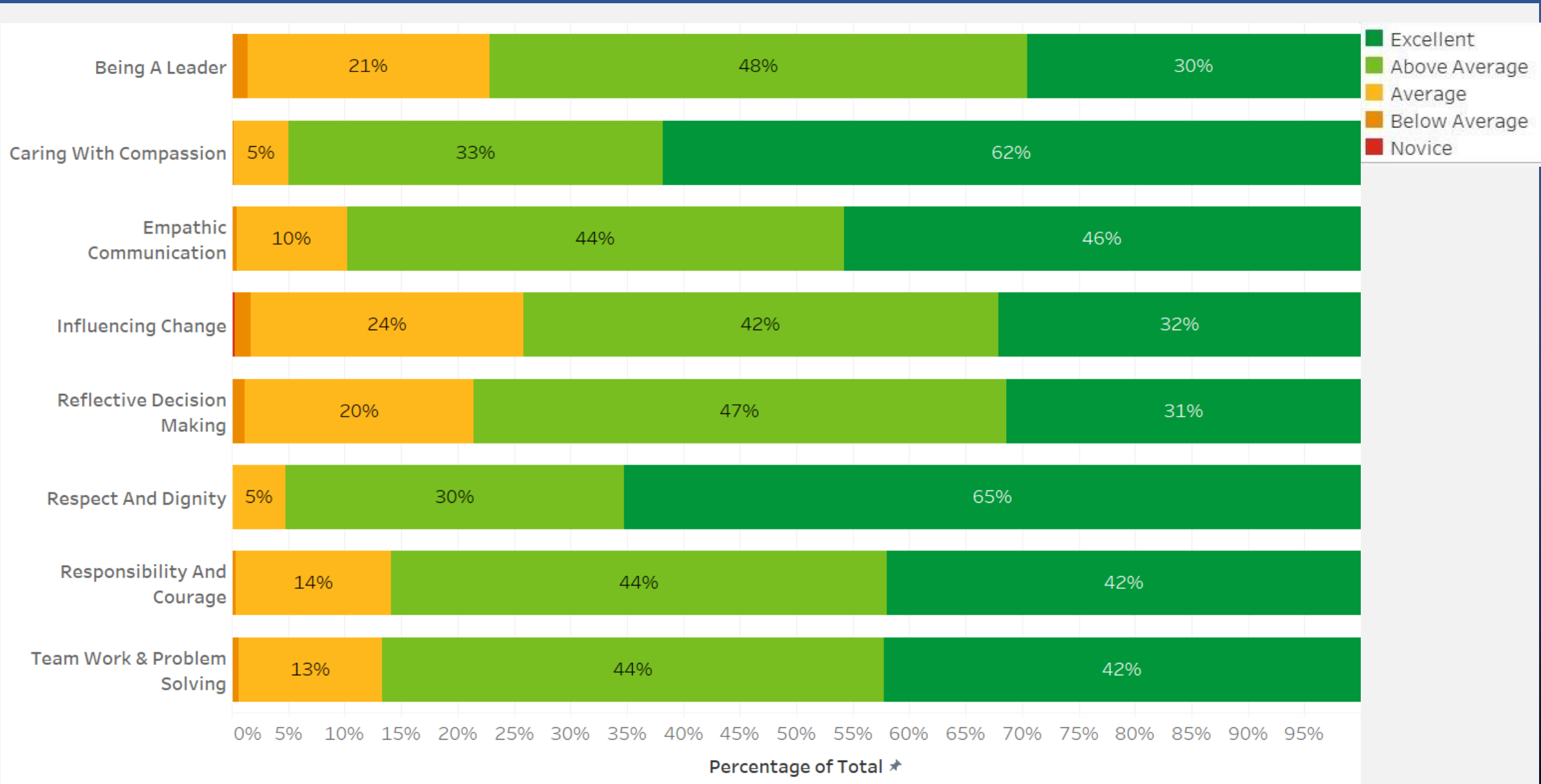
2. Learner daily reflections utilising the “What? So What? What now?” reflective model (3)
3. 360 feedback from learner peers
4. An individualised coaching report from a trained coach at the end of each week of the two-week placement

# Survey Results

- 2,000 individual responses over 14 different student cohorts.
  - 1,088 Pre-Placement
  - 886 Post-Placement
- Responses Pre-Placement can be compared to Post-Placement responses



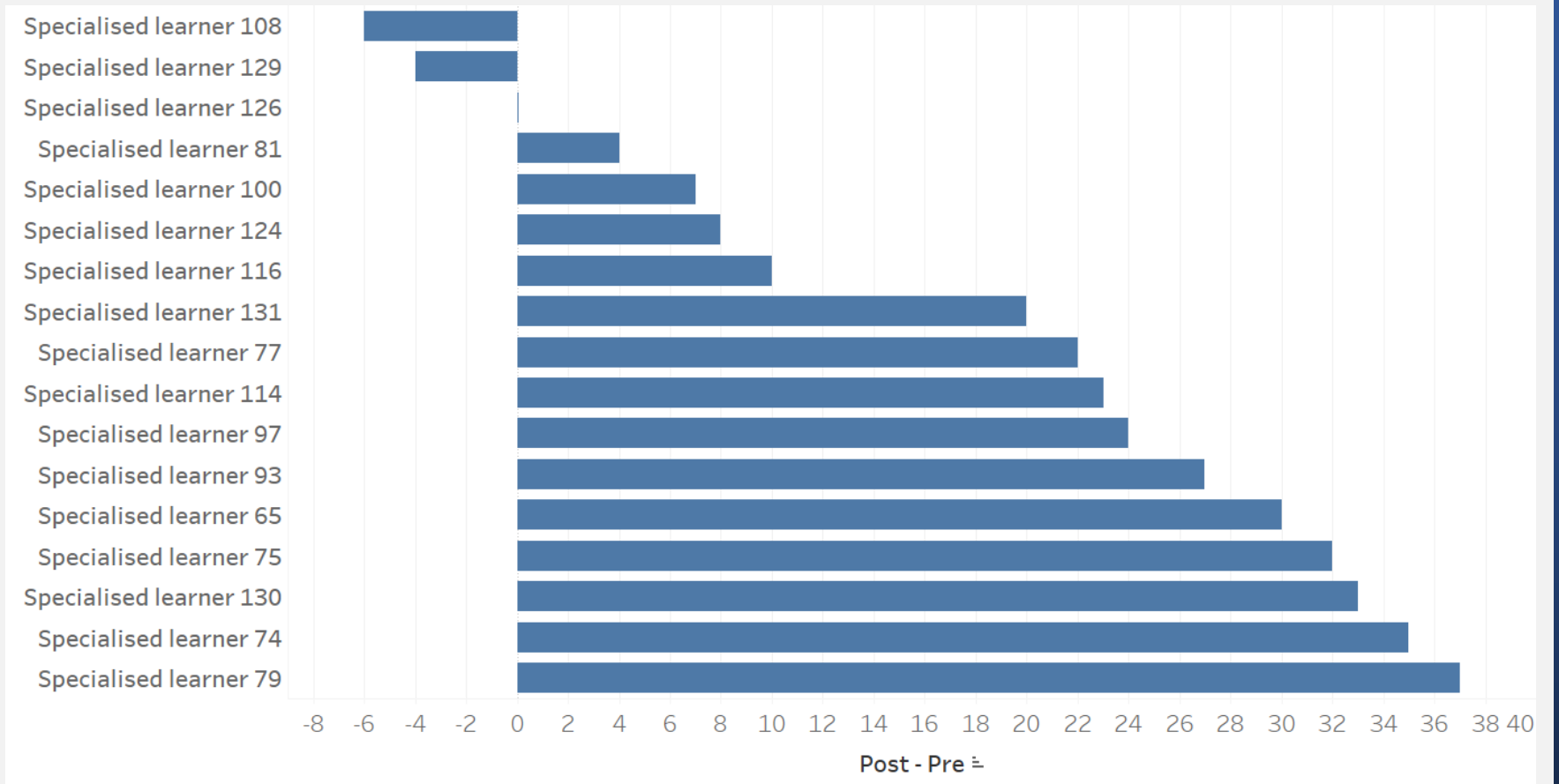
**Graph 1:** Learner's Self-assessed Competency Pre-Placement



**Graph 2:** Learner's Self-assessed Competency Post-Placement

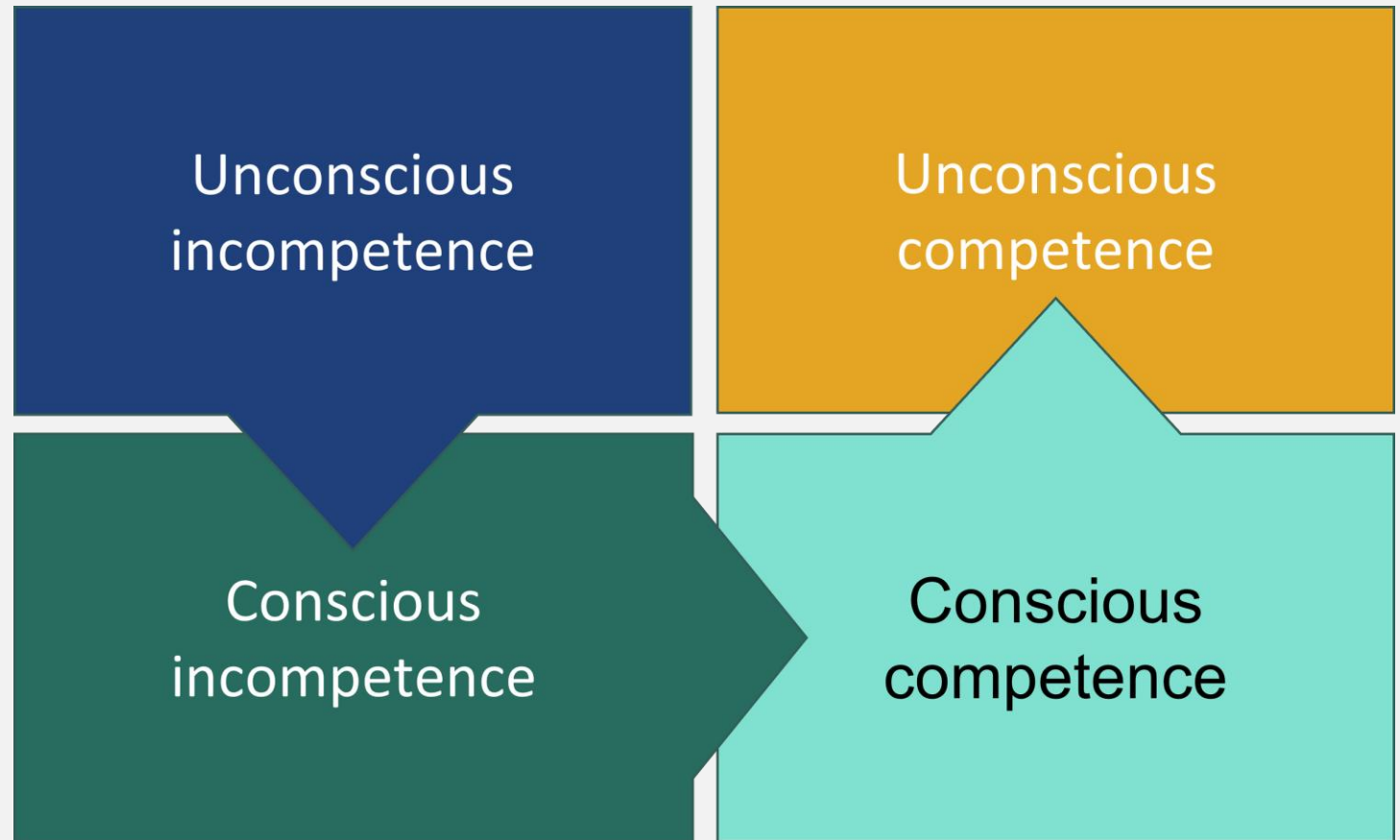
# Weightings and individual learners

- 5 Excellent
- 4 Above Average
- 3 Average
- 2 Below Average
- 1 Novice



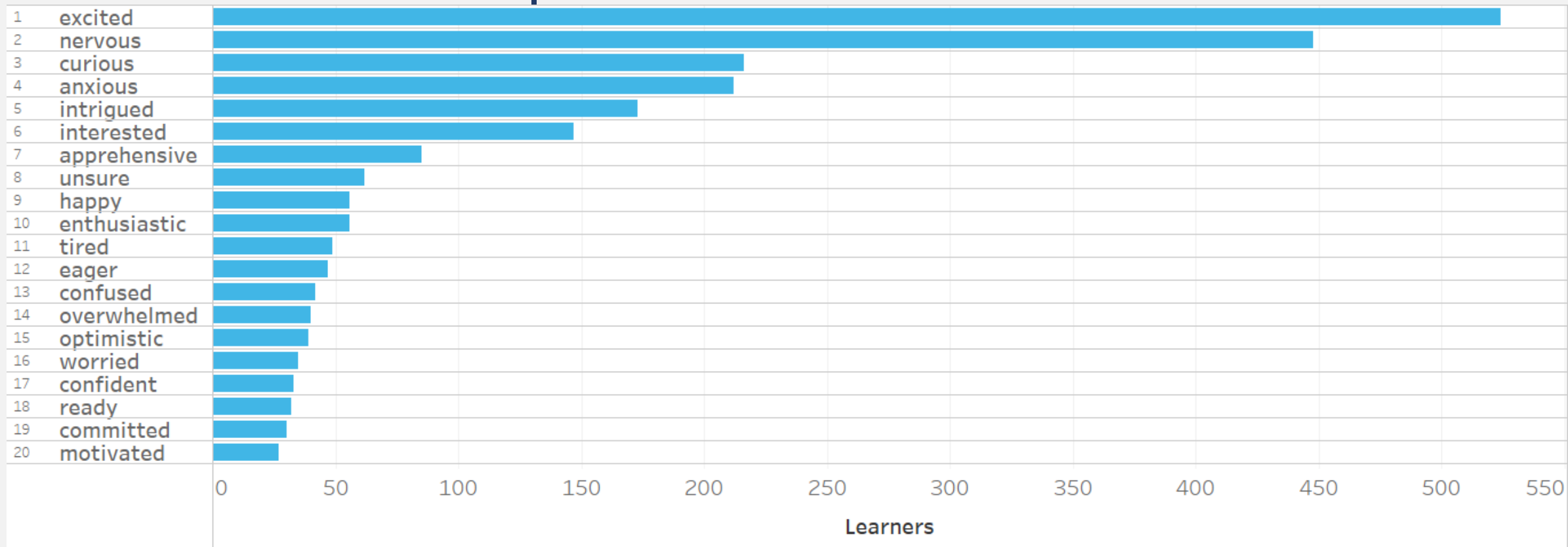
**Graph 3: Change in self-assessed scores by learner**

**Moving from  
"unconscious  
incompetence" to  
"conscious  
incompetence"?**



*Diagram: The four stages of competence on the "Conscious Competence Learning model"*





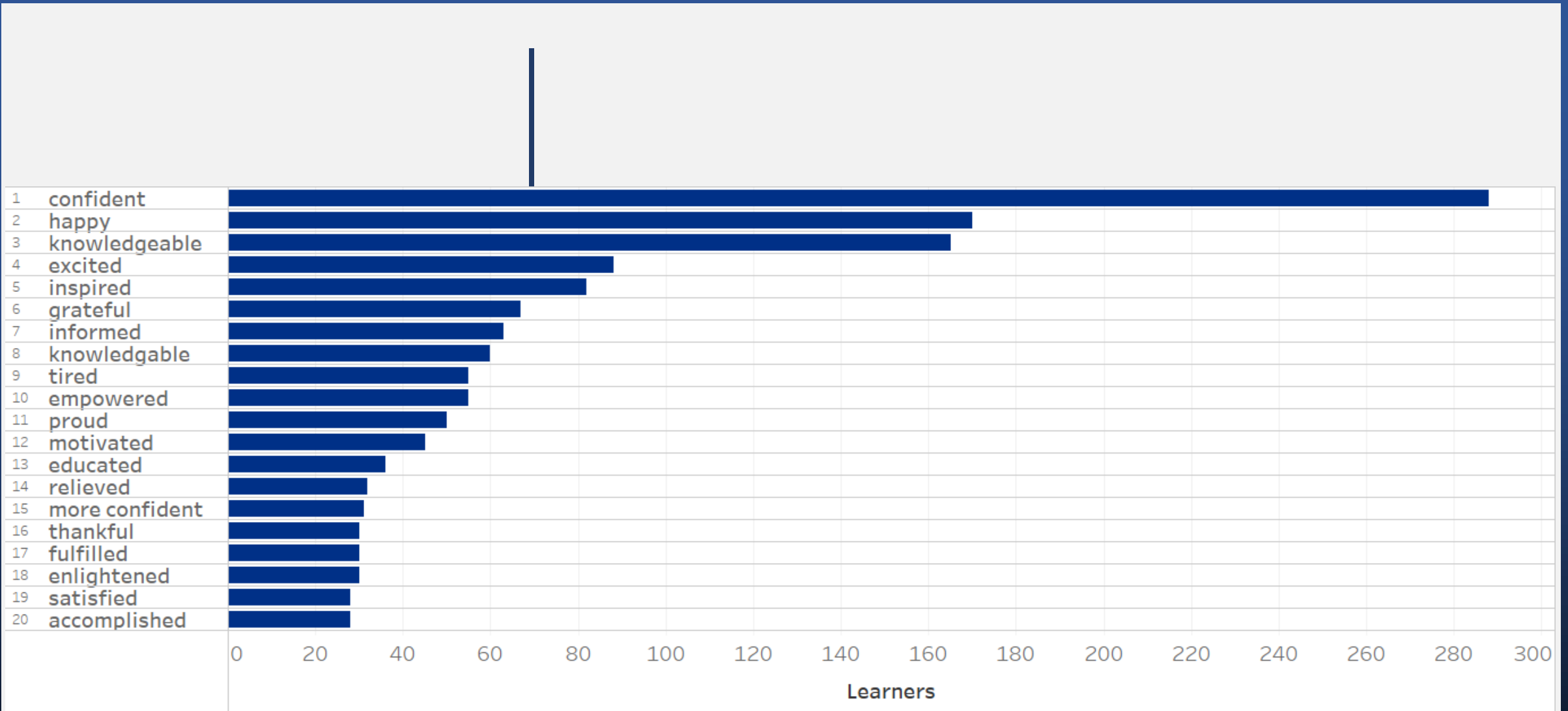
***Graph 4: Top 20 Pre-Placement words***



## Post-Placement Word Cloud

*“What 3 words would you use to describe how you are feeling at the end of the placement”*





***Graph 4: Top 20 Post-Placement words***

# Concluding Thoughts

## Conclusions:

- General improvement in 8 categories of self-assessment
- An attempt to measure the "unmeasurable"
- Problems of competency self-assessments
- Further research needed on emotional outcomes – Qualitative methods – Interviews and Focus Groups

**Thank you**

- The Radiotherapy Education Team
- Subject Matter Experts
- Coaches
- St Georges

# Questions?

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**WHAT?**



**SO WHAT?**



**WHAT NEXT?**

**What?**

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**So  
what?**

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**What  
now?**

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