



Analysis of activity levels and productivity whilst physiotherapy students are on placement:

Developing a model to include students in workforce planning

Helen Ricketts, Rachael Moses and Matt Zasada

Excellence in specialist and community healthcare

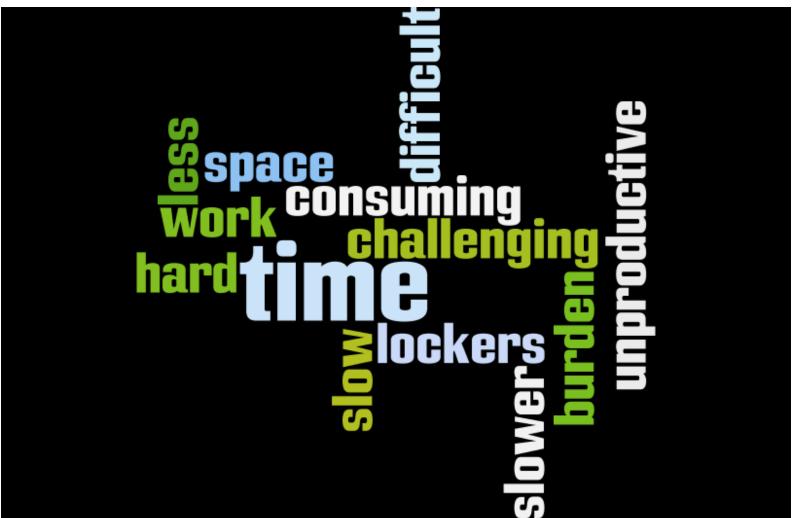


Previous Practice





Negative opinions from clinicians



Feedback from clinicians at St George's hospital and themes from research completed by Patrick Thoeung MSc (2014)



A change in approach

'team' placements

planning of placements at start of academic year

2:1 model



'rest' periods

peer support sessions

increased placement numbers



Are the negative thoughts justified?

- Aim: Explore the impact of student supervision on activity levels during weekend shifts
- Why Weekends?
 - Purely clinical time removes non clinical tasks eg meetings and staffing variations
- Who was involved?
 - 2nd and 3rd year physiotherapy students
 - Rotational band 5 and therapy technician

Rehabilitation



- Caseload
 - Rehabilitation weekend service
 - Patients referred to service by Mon-Fri ward physio
- Data collected
 - Number of contacts
 - Type of patient contact
 - Duration of treatment session
 - Perceived benefit of weekend intervention



Do students increase or decrease activity levels?

- Activity analysis from weekend working
- With students mean 66.25 contacts over weekend
- Without students mean 44.69 contacts over weekend
- Statistically significant improvement p=0.0009



Heigh Ho...

Student contribution to managing weekend caseload

- Incidental finding of increased dependency of patients during several placement phases
- Increased number of 'doubles' referred
- Increased number of doubles seen when students working the weekends
- Greater ability to achieve ideal treatment sessions when students were present



Induction Process





Student
Physiotherapist
Competency
Assessment Pack

7 day working Acute Medicine

Rachael Moses and Helen Ricketts

Respiratory Physiotherapy Team

St Georges Hospital

June 2014

Review date: December 2014



Patient experience and outcome

- When students were working
 - Statistically significant increase in time spent with patients (p=0.0101)
 - Corresponds with increased contacts
- When students were present: No significantly different outcome when functional ability compared pre and post weekend
 - Same/Better/Worse grading
 - Variation in outcome measures used

Anecdotally

 There have been several weekends where the increased productivity of the students has enabled the rehab band 5 to treat patients on the respiratory rota

- Monday to Friday data
 - Harder to analyse!
 - Increased contacts observed
 - Patients receiving two sessions per day on occasion

Student's thoughts on clinical placements



Outcomes (student perspective)

- Students valued being part of weekend team
- Students loved the team approach
 - Confidence
 - Exposure to different clinical settings
 - Feedback
 - Marks
- Preferred 2:1 model
 - Peer support
- Enjoyed peer support sessions
 - Experience of presenting cases
 - Learning opportunity



Any Questions?

Clinician's opinion

