

# FAST: (FAST ACCESS STUDENT-LED TEACHING) CLINIC IS A USEFUL AND VALUED TEACHING-LED SERVICE

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## Introduction:

**FAST: Fast Access Student-led Teaching Clinic**  
Paediatric Department of Cork University Hospital in  
September 2016 - April 2017

Rapid access service

- **student performed**
- **staff supervised**

Non-complex cases were chosen from 6 General Paediatric outpatient waiting lists

- 2 clinics per week
- 4 patients in each clinic

Led by **4th year UCC medical students**

1 to 2 students led each consultation

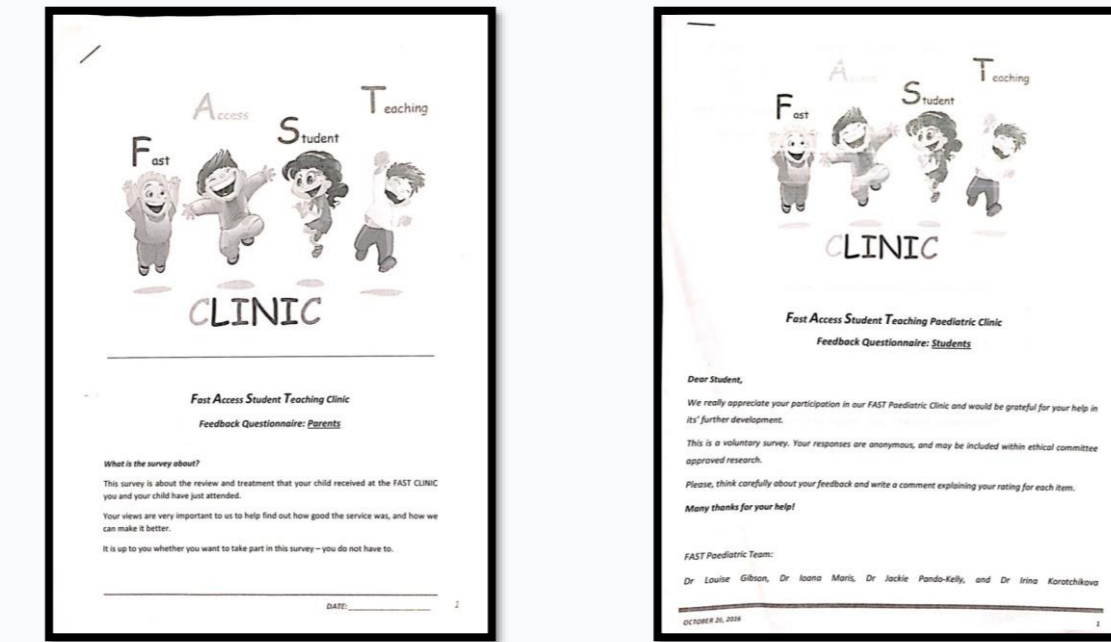
Case-based educational discussion

Anonymous feedback questionnaires were distributed to students and parents

"Makes such a difference to our learning"

"FAST clinic was one of the best teaching sessions during placement so far"

"The idea of running our own clinic is a daunting one but I loved it"



## Methods:

### Retrospective chart review

List of patients acquired from online patient management system with clinic dates and supervising consultant  
Charts were obtained from medical records archive

Data collected:

- Number of patients seen
- Diagnoses
- Intervention
- Final management of patients
  - Followed up in gen paediatric clinic
  - Referred to another speciality
  - Discharged

Feedback questionnaires on attitudes towards student-led clinics

### Open-ended questions

### Likert scales

The data was read through for initial general overview and a number of themes emerged

Thematic analysis

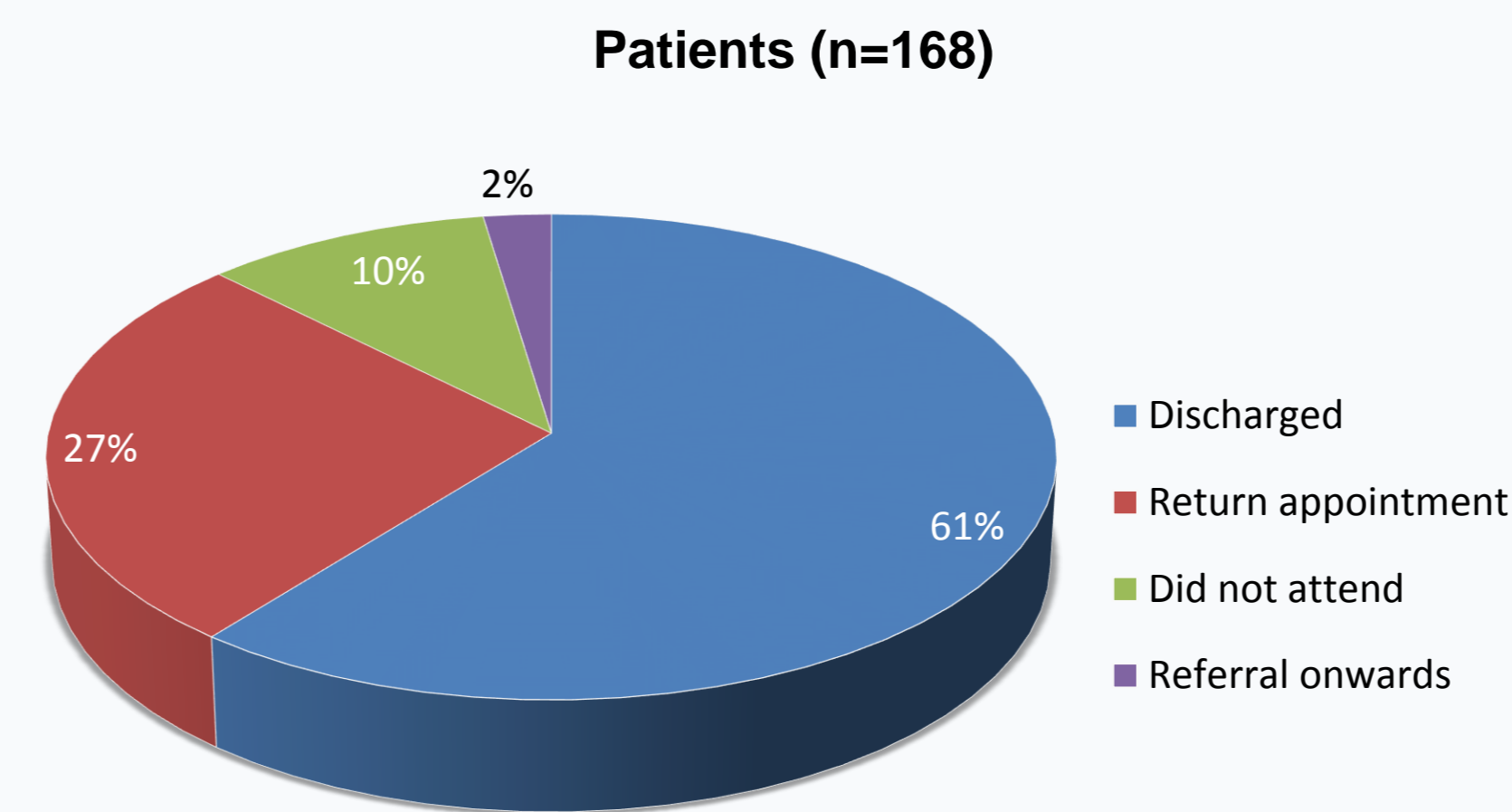
## Results:

Top three presentations:

1. Chronic diarrhoea and/or constipation
2. Chronic abdominal pain
3. Abnormal head growth: microcephaly, macrocephaly, Closed sutures and/or fontanelles



## Results:



### Student survey:

Total respondents n=107

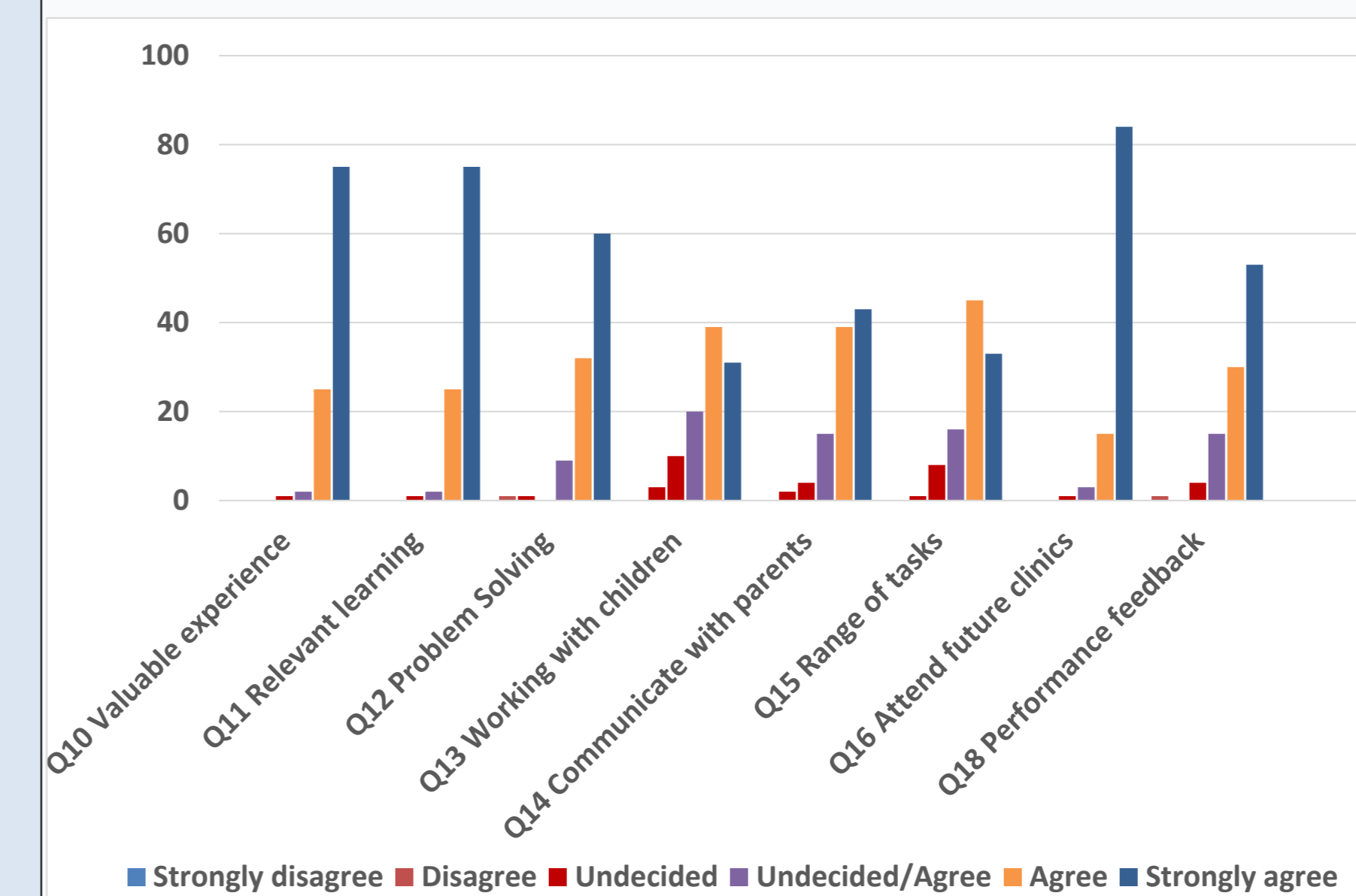
Male:Female = 1:1.4

Direct Entry:Graduate Entry = 1.7:1

### Parent Survey:

95 parents surveyed in total

95% found it was worth accepting this appointment even though they were **initially seen by a medical student**



## Advantages of the FAST clinic

## Number of times listed

Interaction with children and parents	47
Examination skills	45
New skills	37
Core knowledge of paediatrics	36
Student Participation	32
Focused teaching	22
Feedback	15

## Conclusions:

### Direct benefit to the health service:

Reduction in waiting lists

### Direct benefit to medical education:

Problem based learning fosters **active learning**,

**improved understanding**, retention and

development of **lifelong learning skills**

Bedside teaching has been described as providing a

**holistic approach** to both the diagnostic process

and patient care

The FAST clinic demonstrates a dual mission for education and patient care with clear benefits for students and health service user

The findings of this study highlighted the positive learning outcomes of **supervised clinical experience** for students

**Should FAST be replicated in other university teaching hospitals around Ireland?**