

**National Council for**



**Osteopathic Research**

# Profiling osteopathic practice in the UK using standardised data collection

ICAOR 2012

14<sup>th</sup> - 16<sup>th</sup> September, 2012

# Background to tool development

Limited UK information  
concerning day-to-day practice

Retrospective studies

Single day studies

Tool development process

# Project information

- Format of SDC tool
- Data collection between April and July, 2009
- 1630 completed datasets
- Well-completed datasets

# Demographics

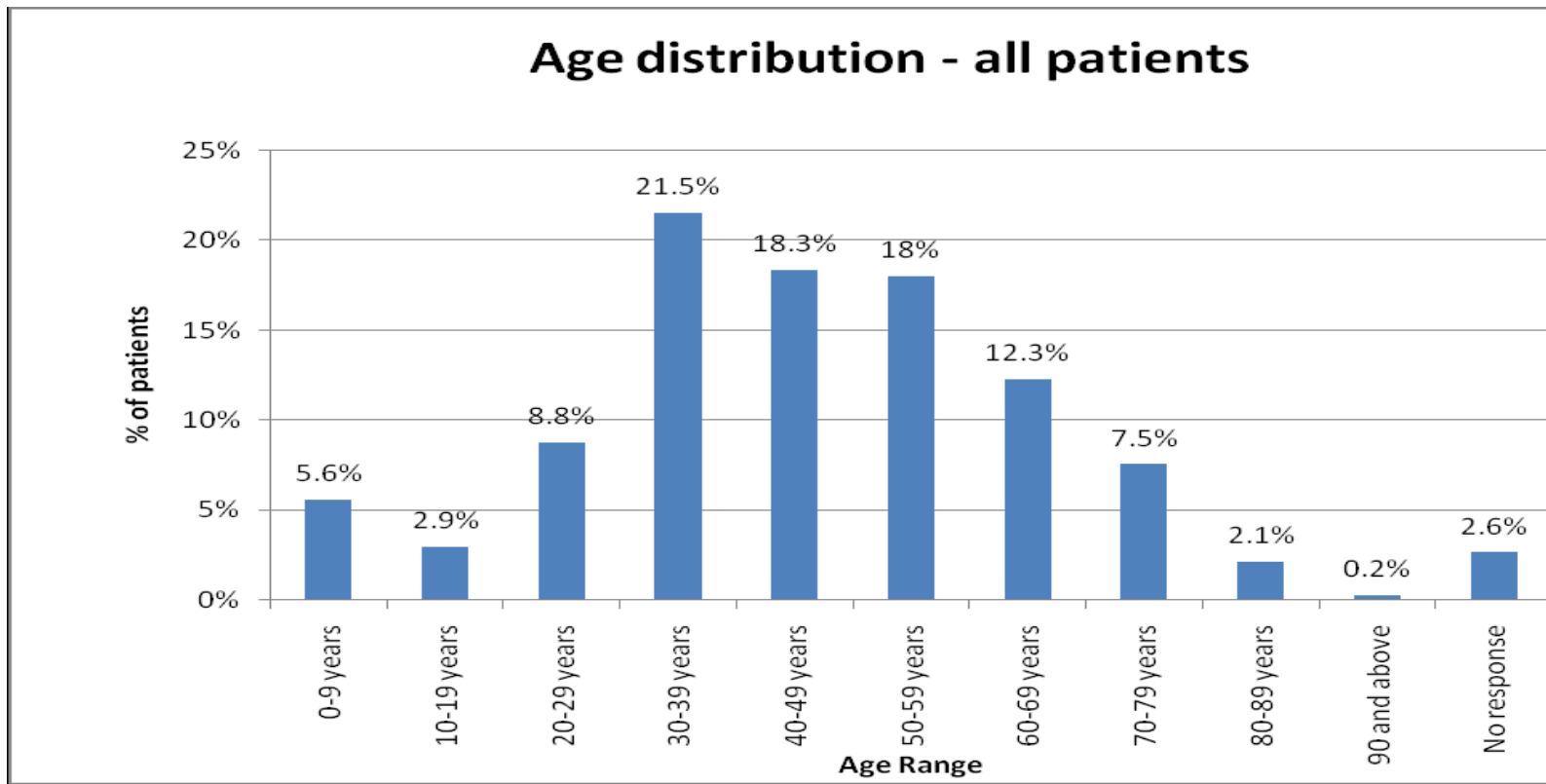
- 56% female; 43% male
- 83.5% described as “white British”; 8.6% other white backgrounds; 1% mixed race; 4.1% other ethnic backgrounds; 1% declined to respond

- Work status included 62% of patients who were working either full or part time; 19% were retired; 5.2% were students; 6.3% were not employed
- 13% were off work at the time of their consultation

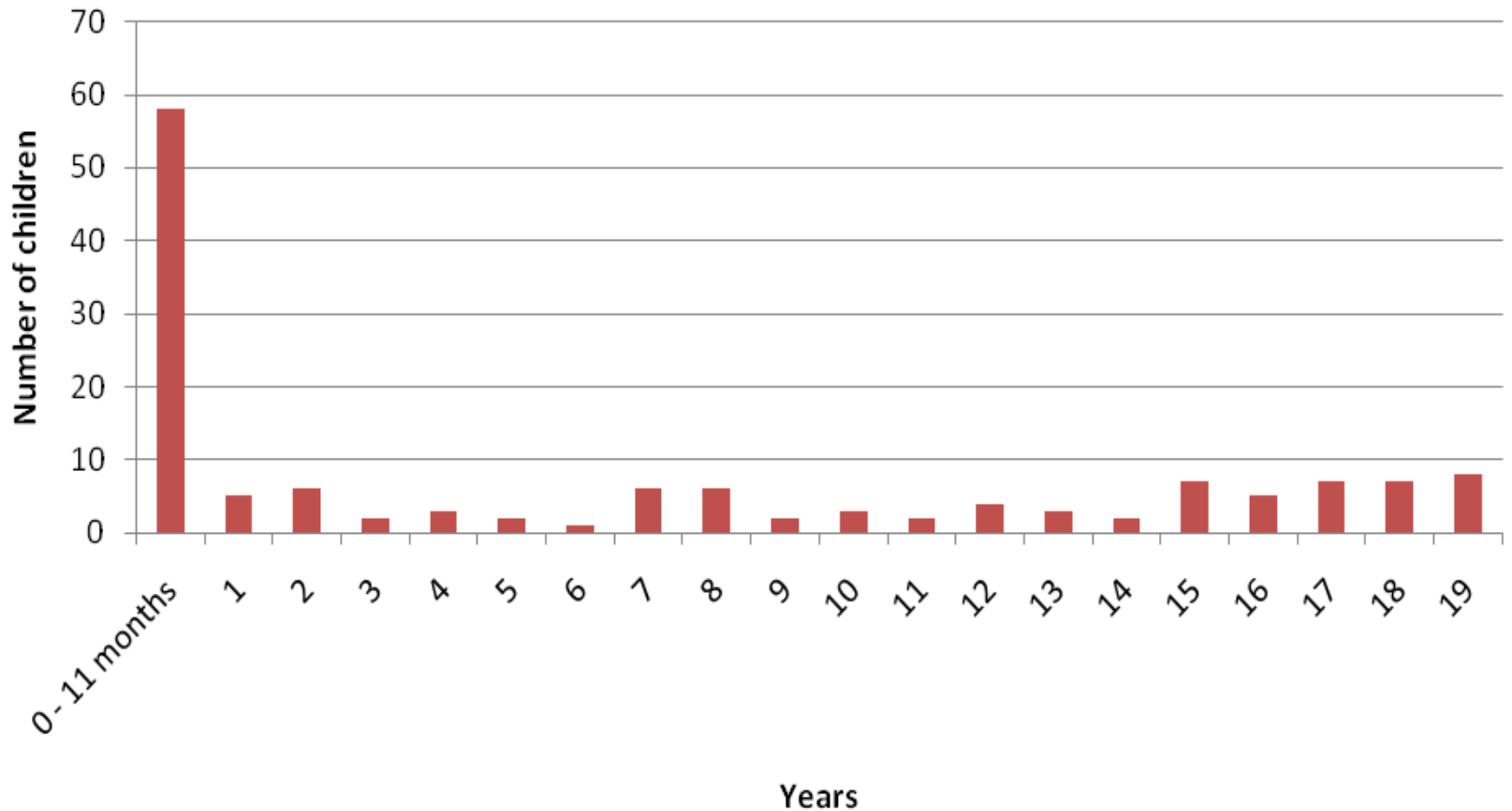
# Age

Ages ranged between 5 days old and 93 years

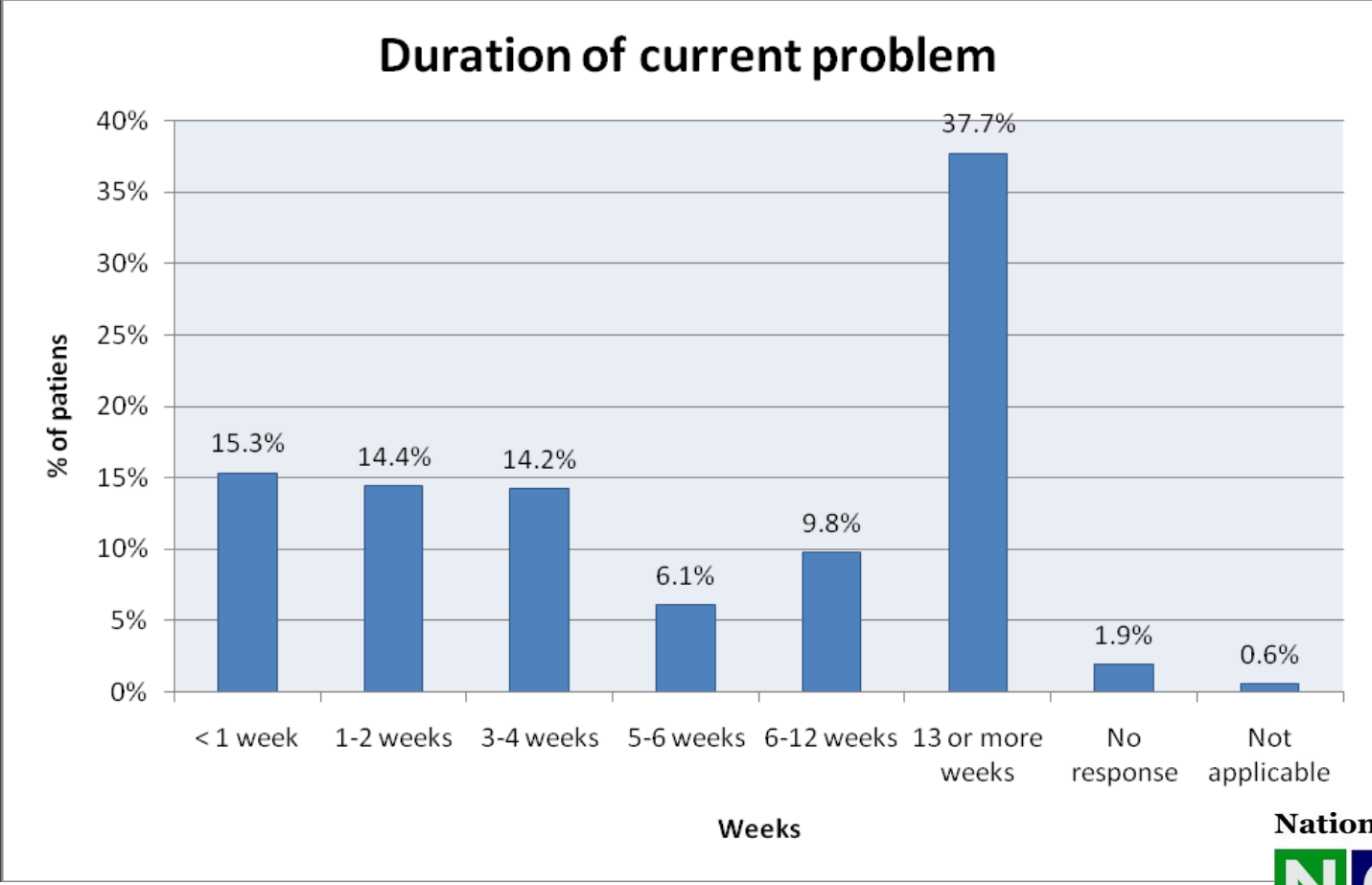
Average age 44.76 years



## Age distribution of children treated



# Duration of current problem and previous management

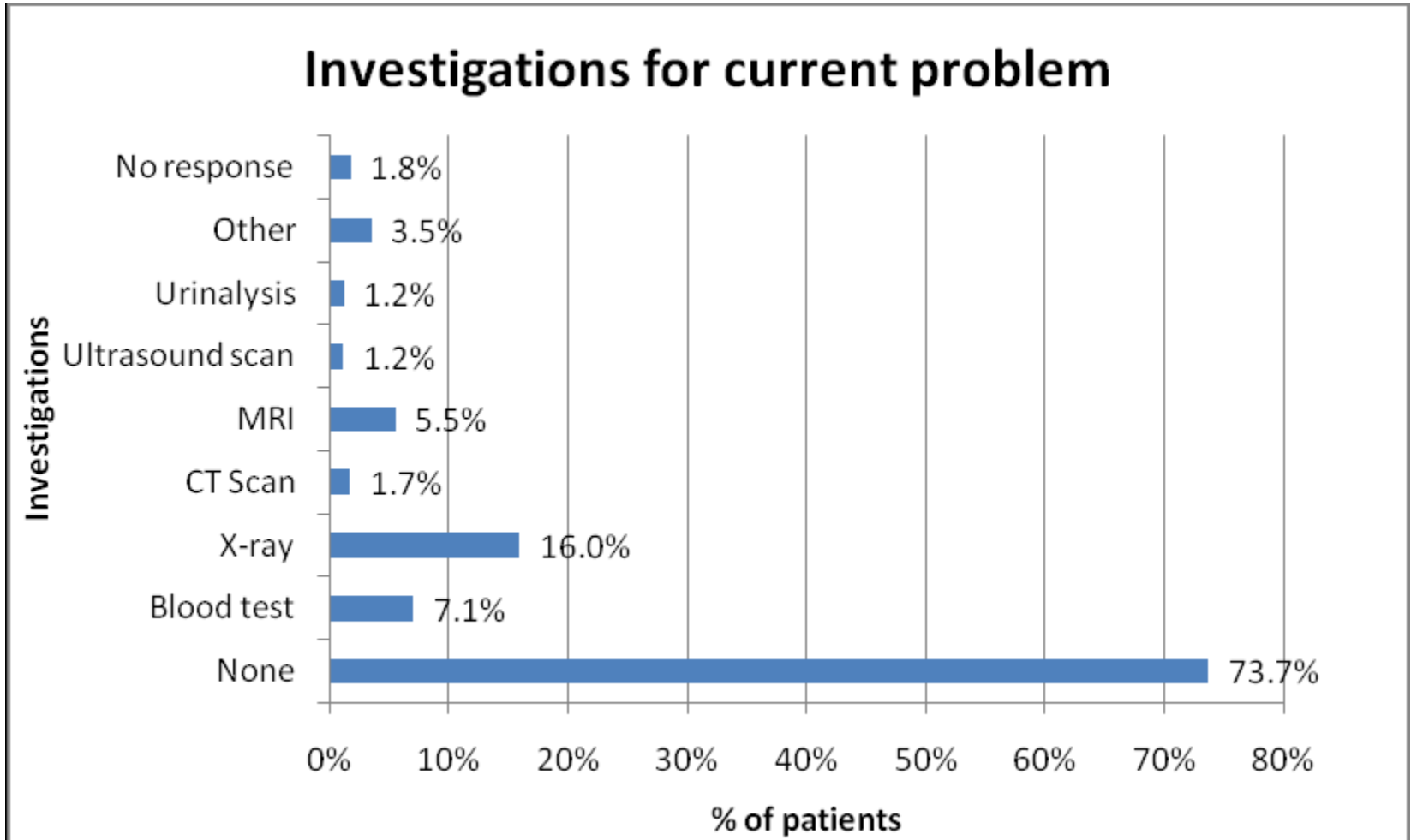




# Use of resources prior to treatment

- 48.2% - one visit to GP
- 28.9% - two, three, or four visits
- Imaging - 13.87%
- Medication - 20.12%
- Hospital outpatient treatment - 10.92%
- Hospital inpatient treatment - 1.35
- No response - 1.41%

# Investigations in detail



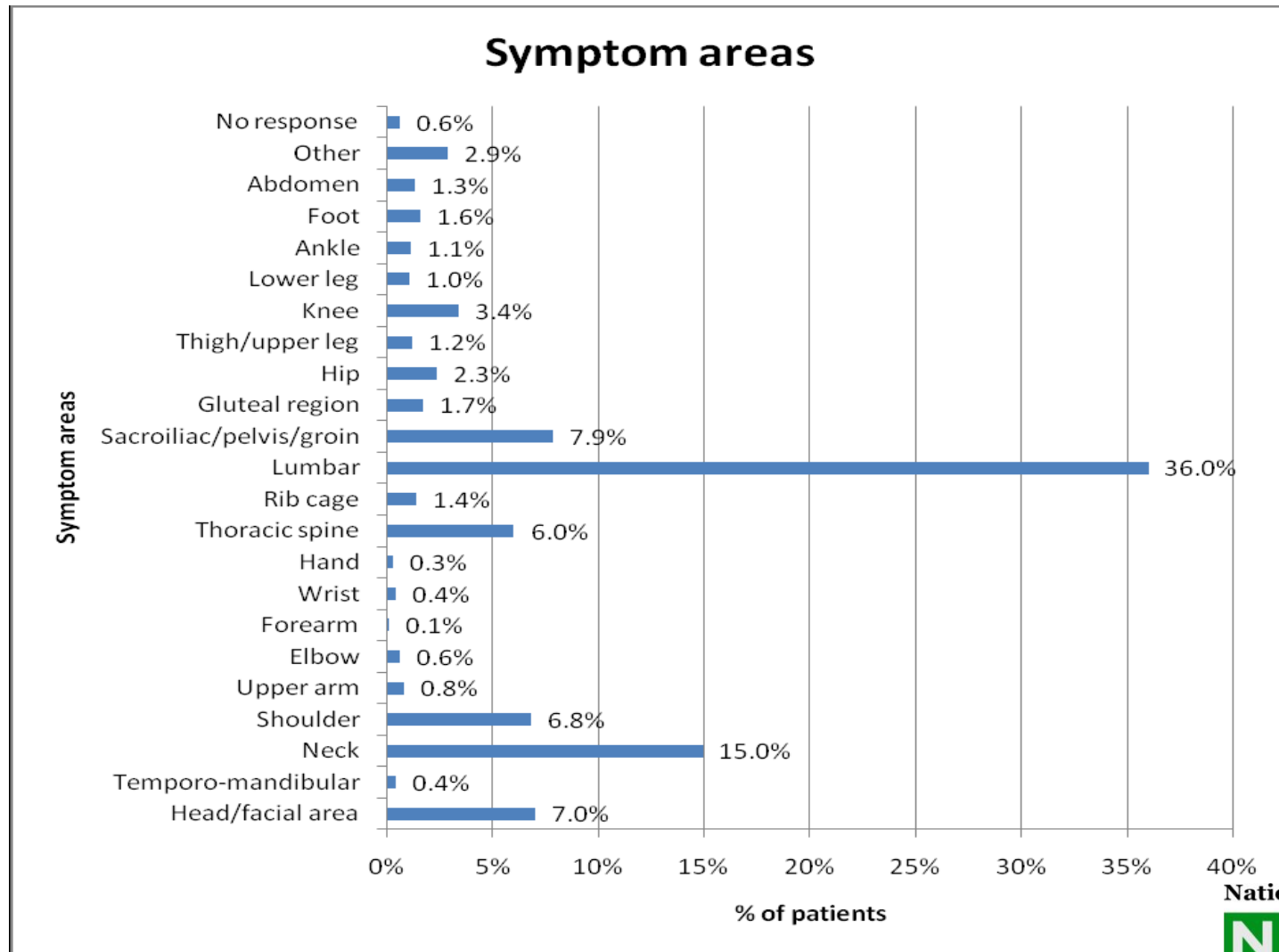
# Routes to treatment

- Word of mouth 69.8%
- Advertising 11.8%
- Healthcare practitioners 6.7%
- Referral by solicitor or insurer 2%

# Reasons for choosing osteopathy

Reason	Percentage
Personal recommendation or referral	64.9
Personal research	7.9
Waiting for NHS physiotherapy appointment	1.9
Failure of previous treatment	10.4
Previous experience of osteopathic treatment	19.8
Desire to have osteopathic treatment	9.6
Wanted a form of manual or hands-on treatment	9.1
Did not want treatment through the NHS	2.5
Wanted to have drug-free treatment	9.1
Other	3.1
No response	3.5
Total	141.7

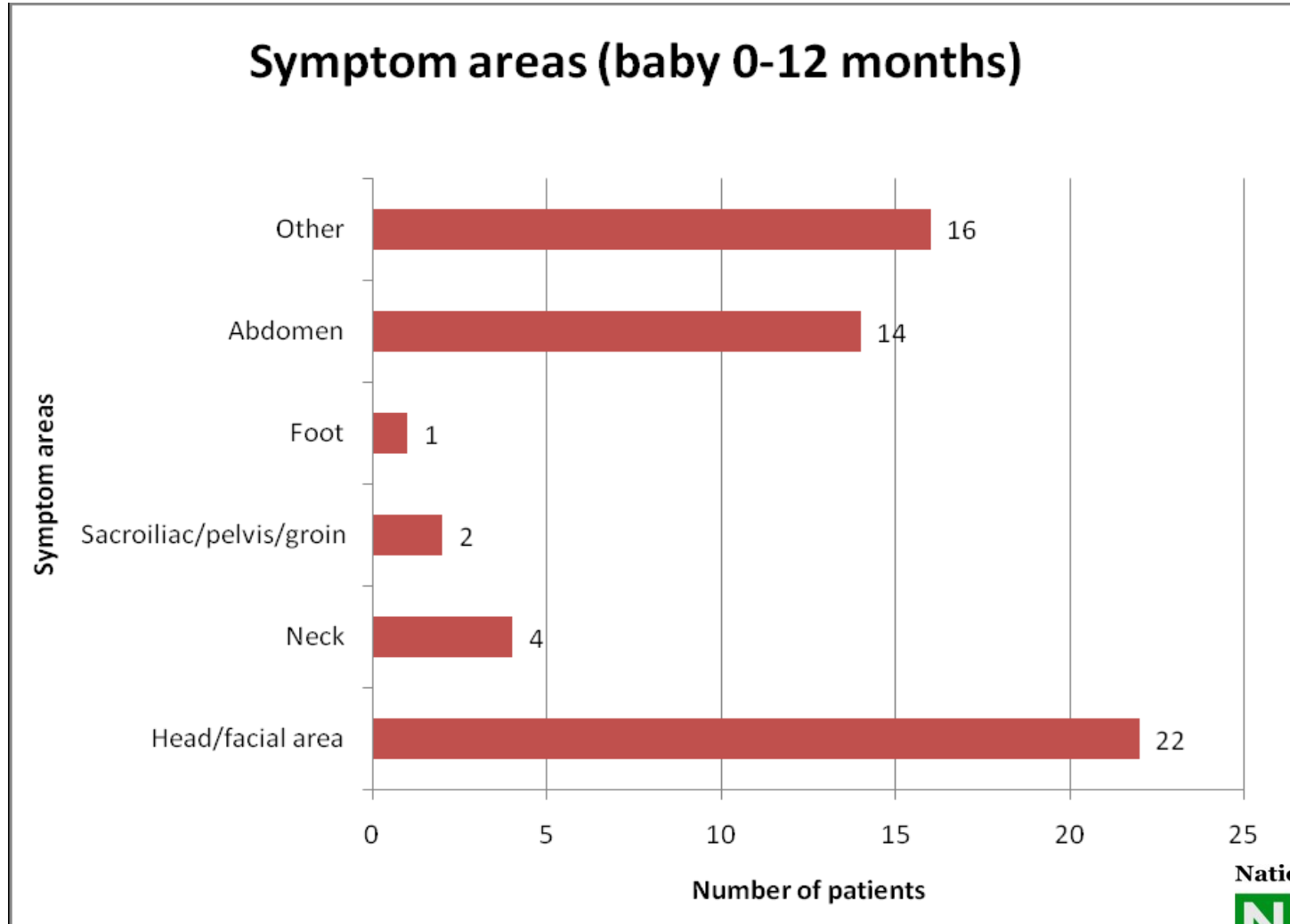
# Presenting symptoms



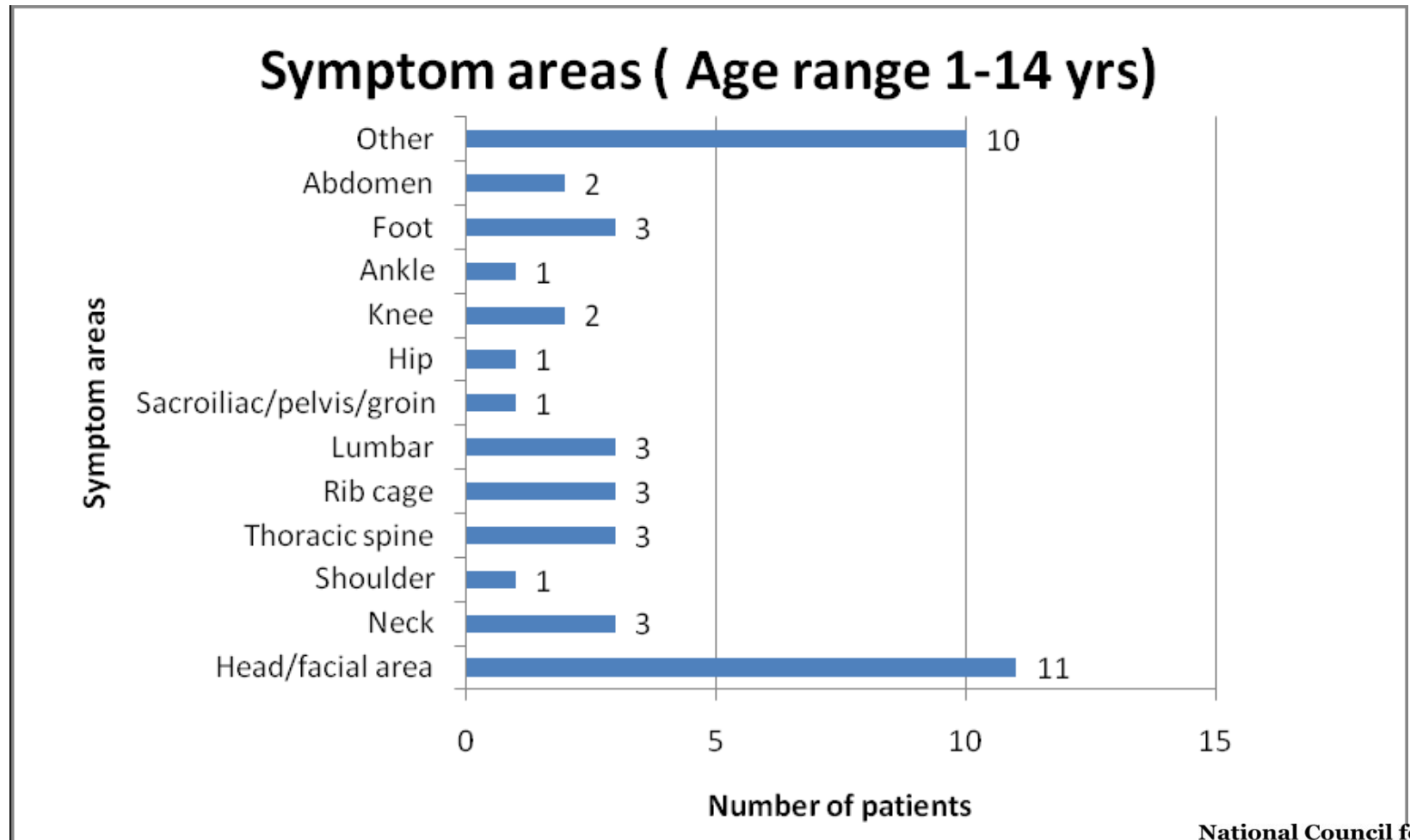
# Number of previous episodes

- First episode - 43.0%
- Second episode - 14.4%
- Third episode - 9.3%
- Fourth or more episodes - 31.4%

# Symptom areas in infants

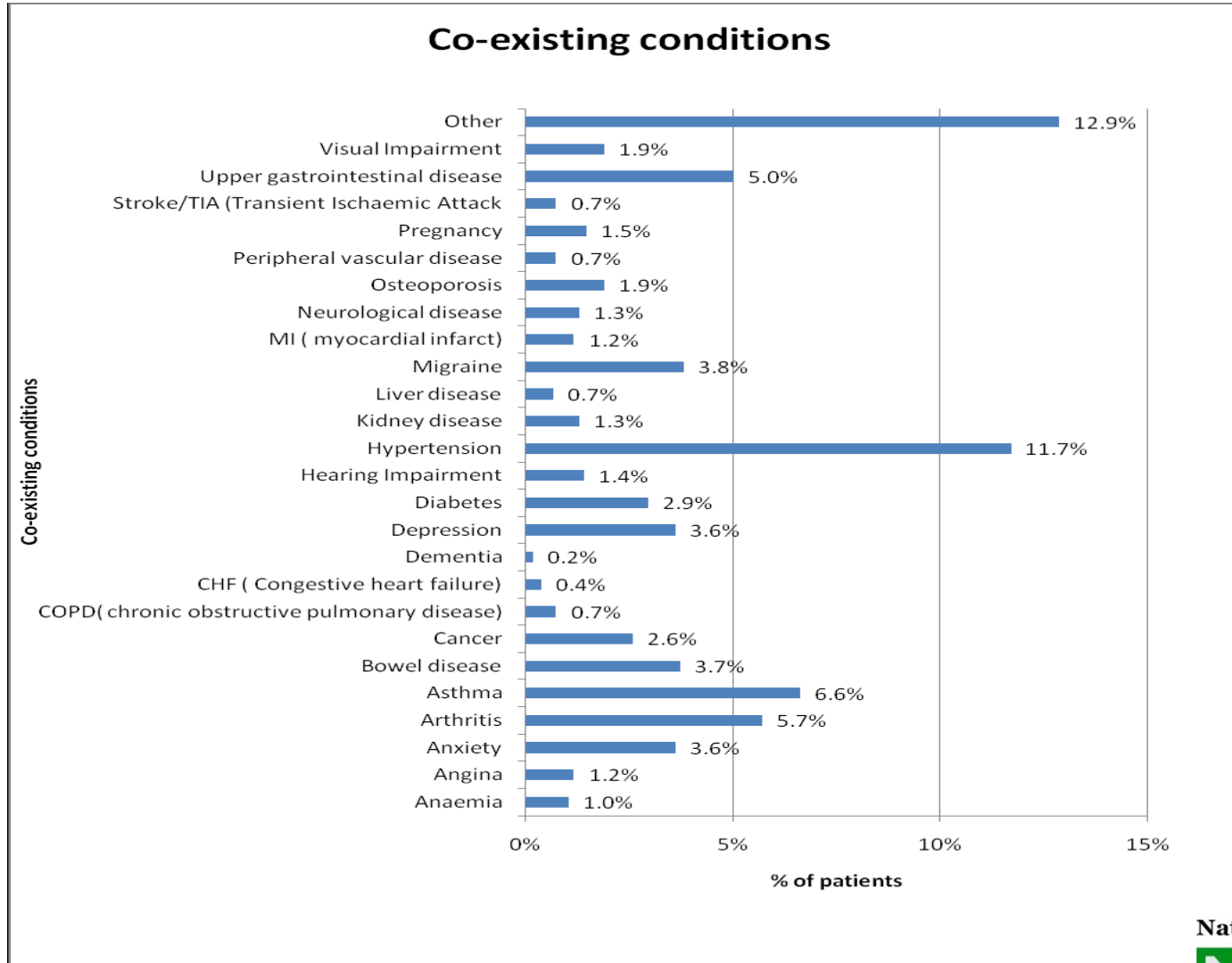


# Symptom areas in children 1-14 years

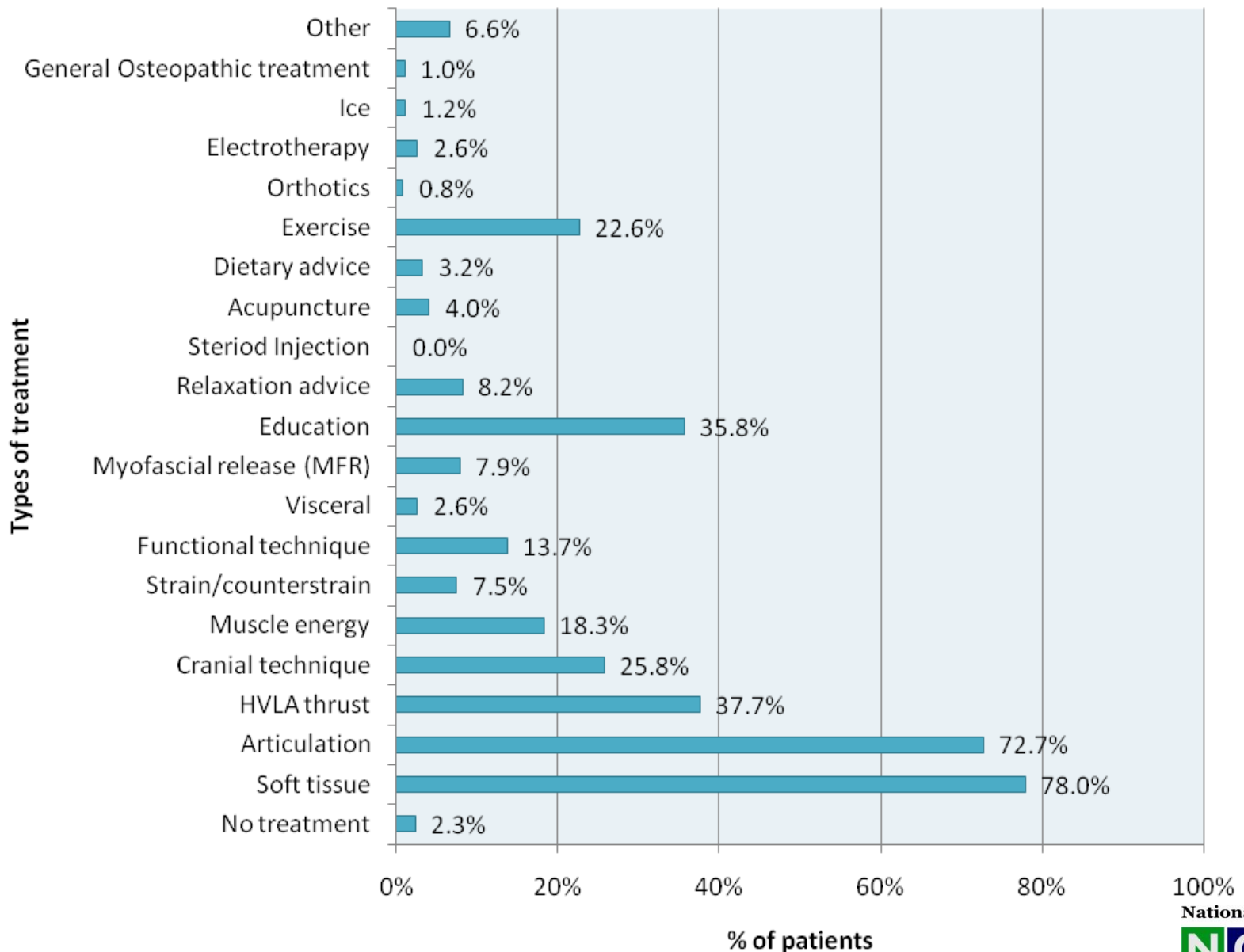




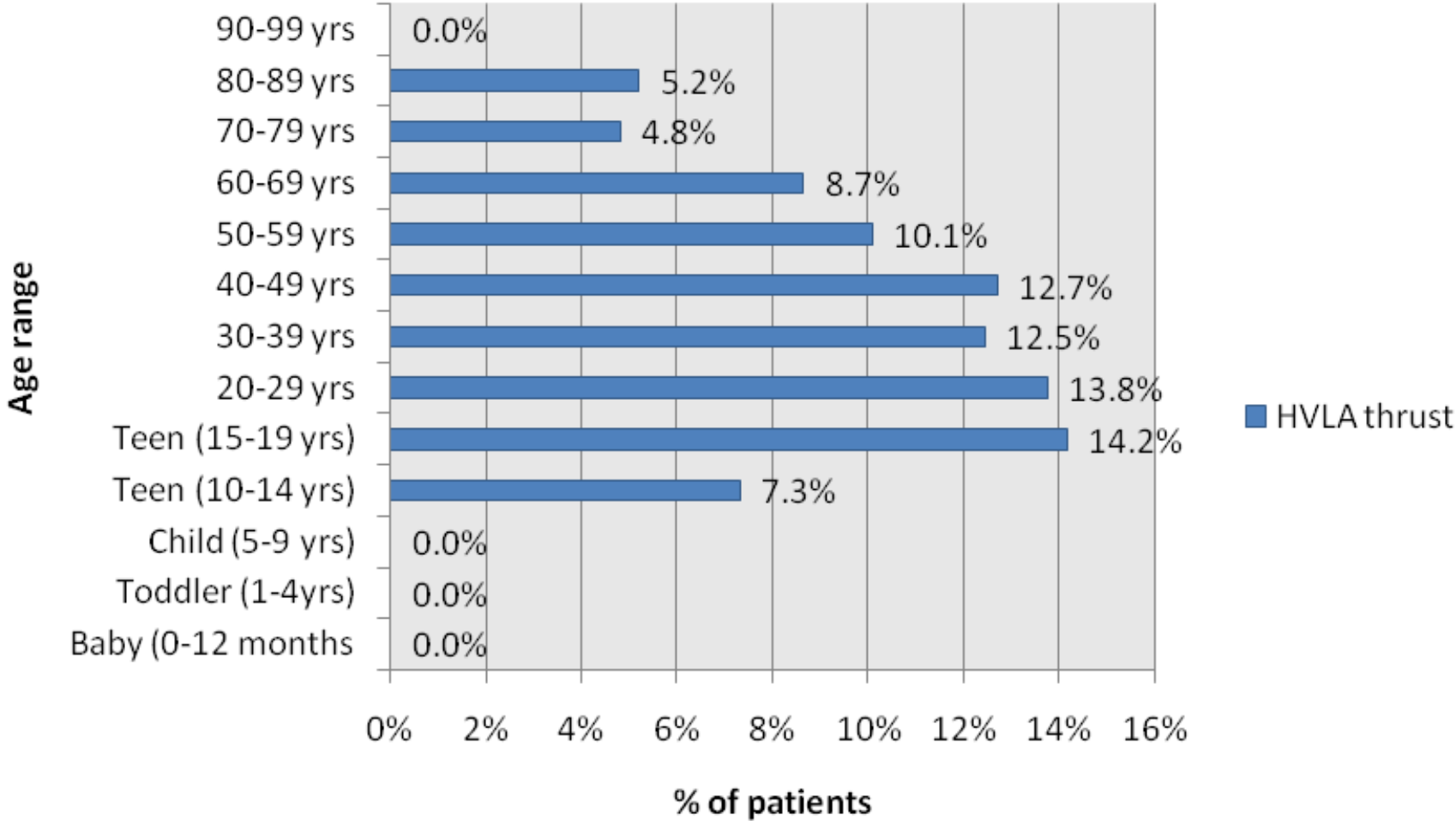
# Comorbidities present



# Types of treatment given at 1st appointment



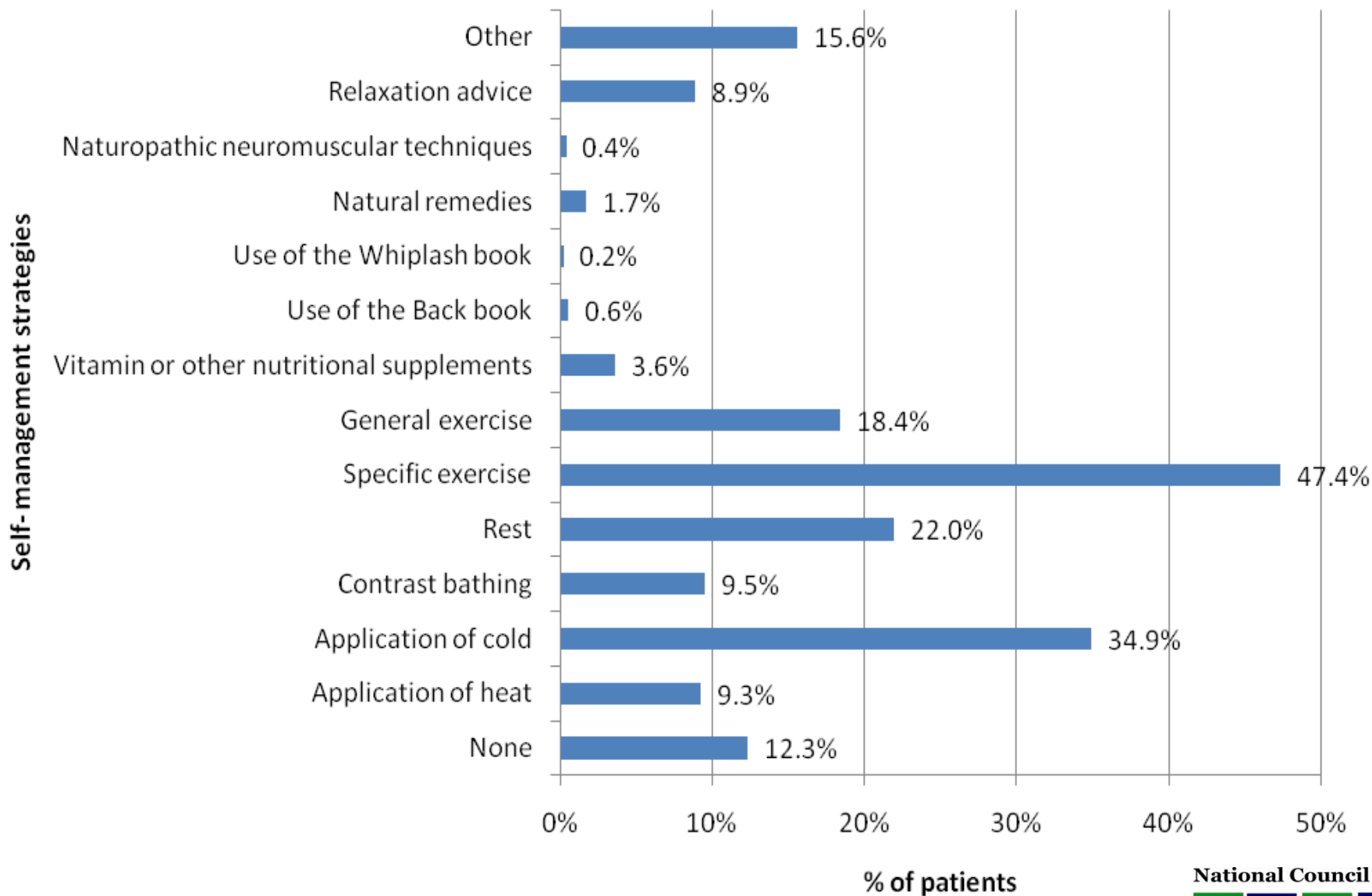
# HVLA thrust



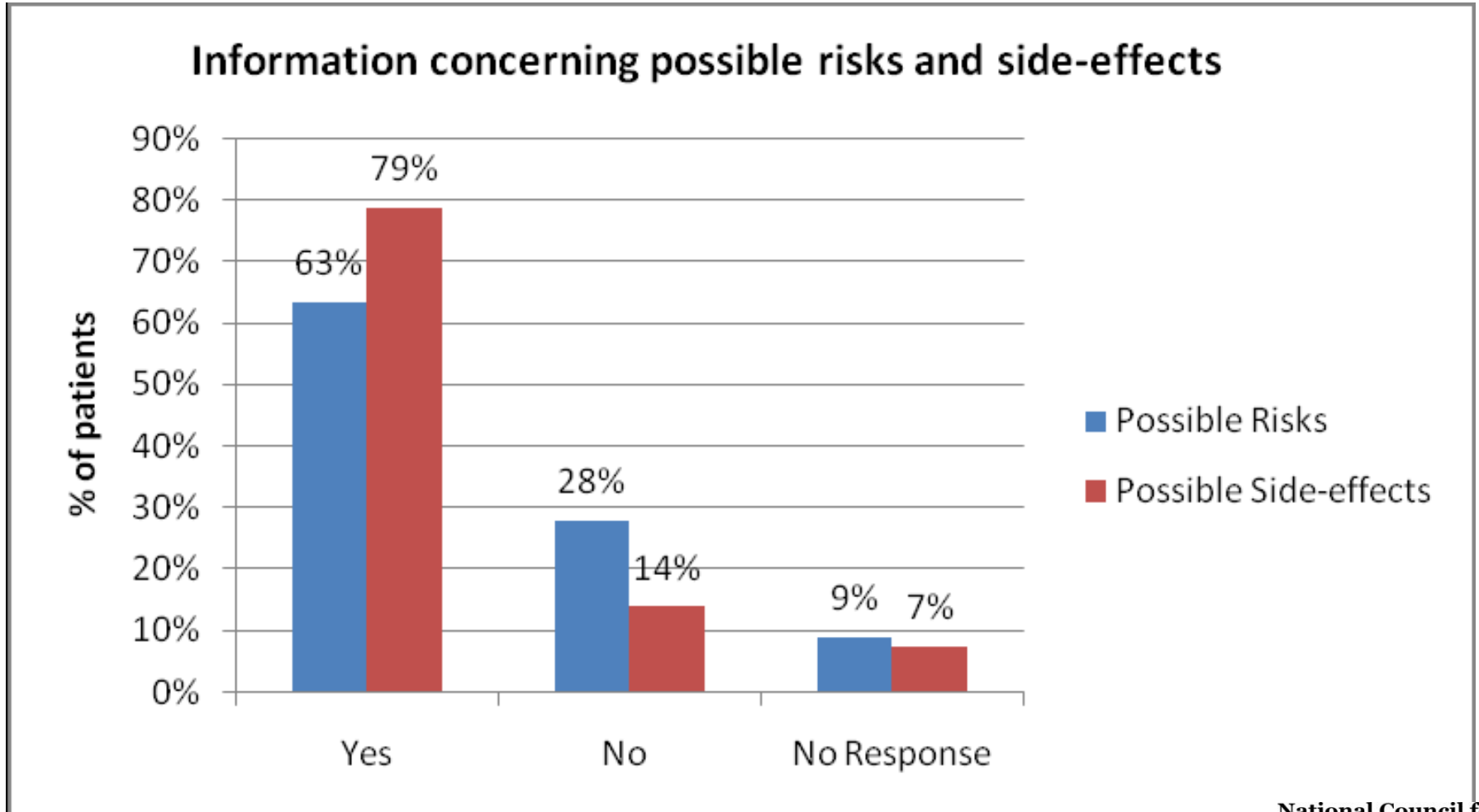
# Specific education and advice given to patients

	%age
Anatomical information	73
Possible risk factors associated with a recurrence of symptoms	46
Anticipated response to treatment	84
Anticipated number of treatments	57
Advice concerning physical activity	70
Total	330

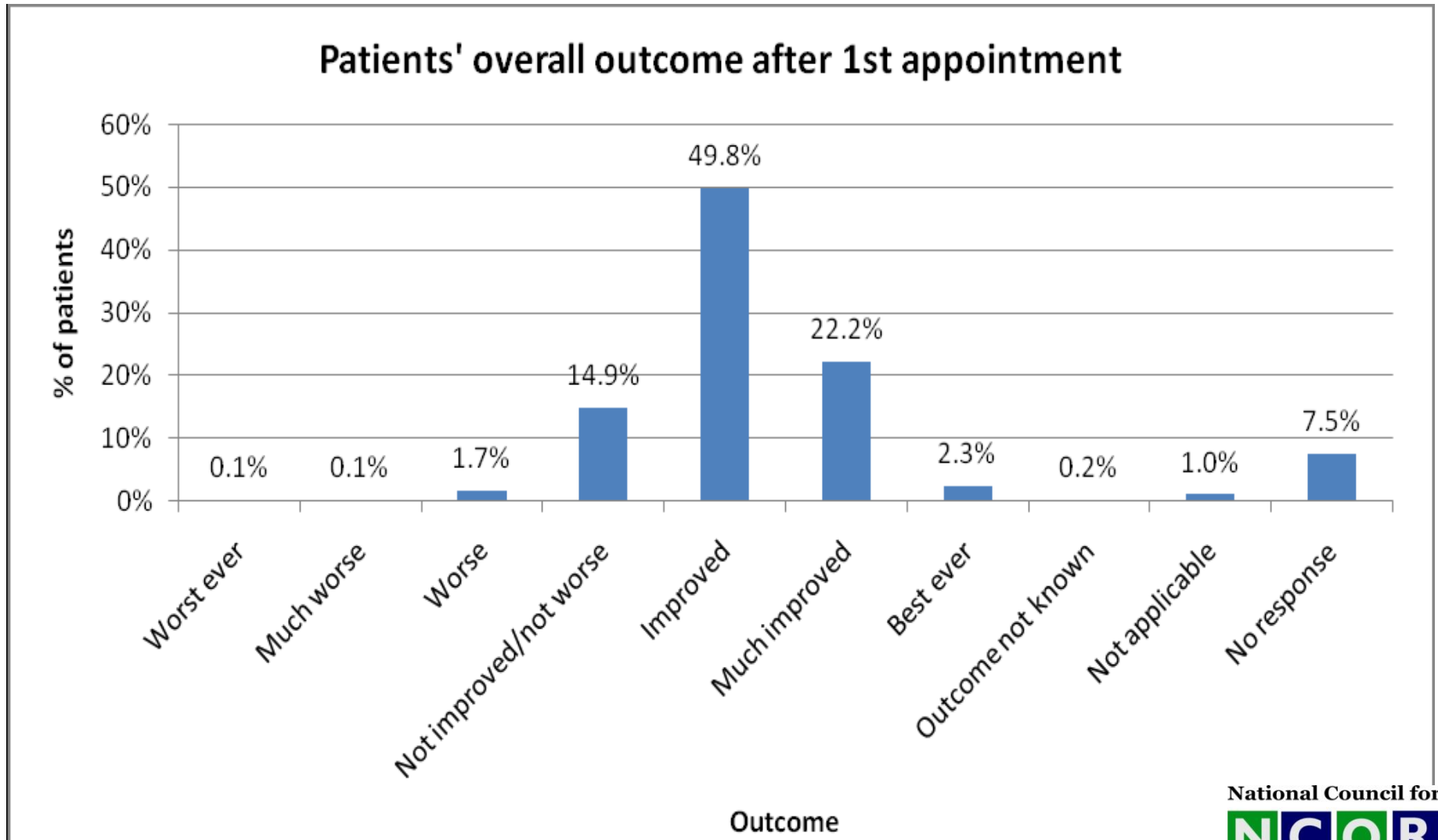
## Self management strategies recommended to patient



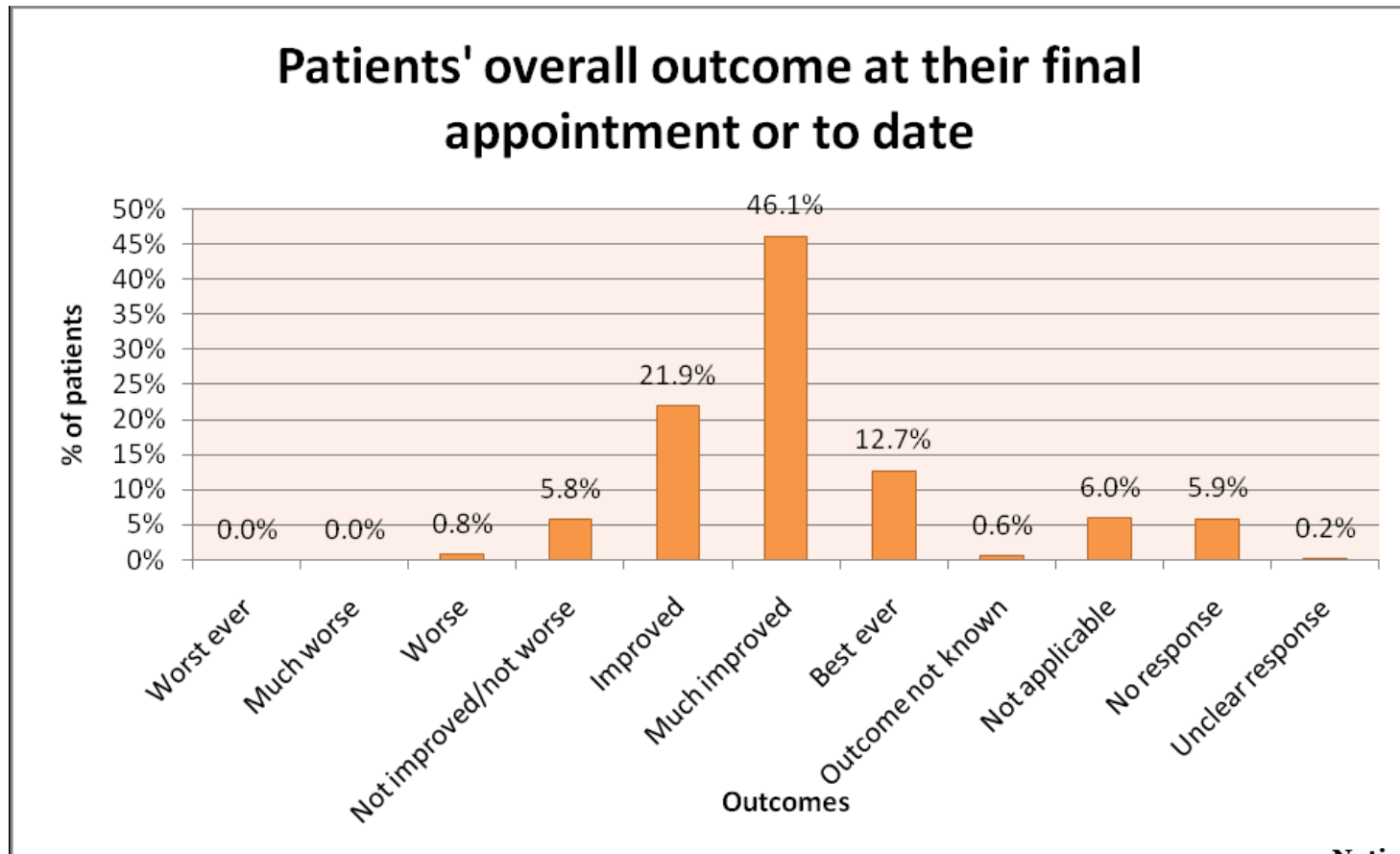
# Other information provided



# Outcome of first treatment

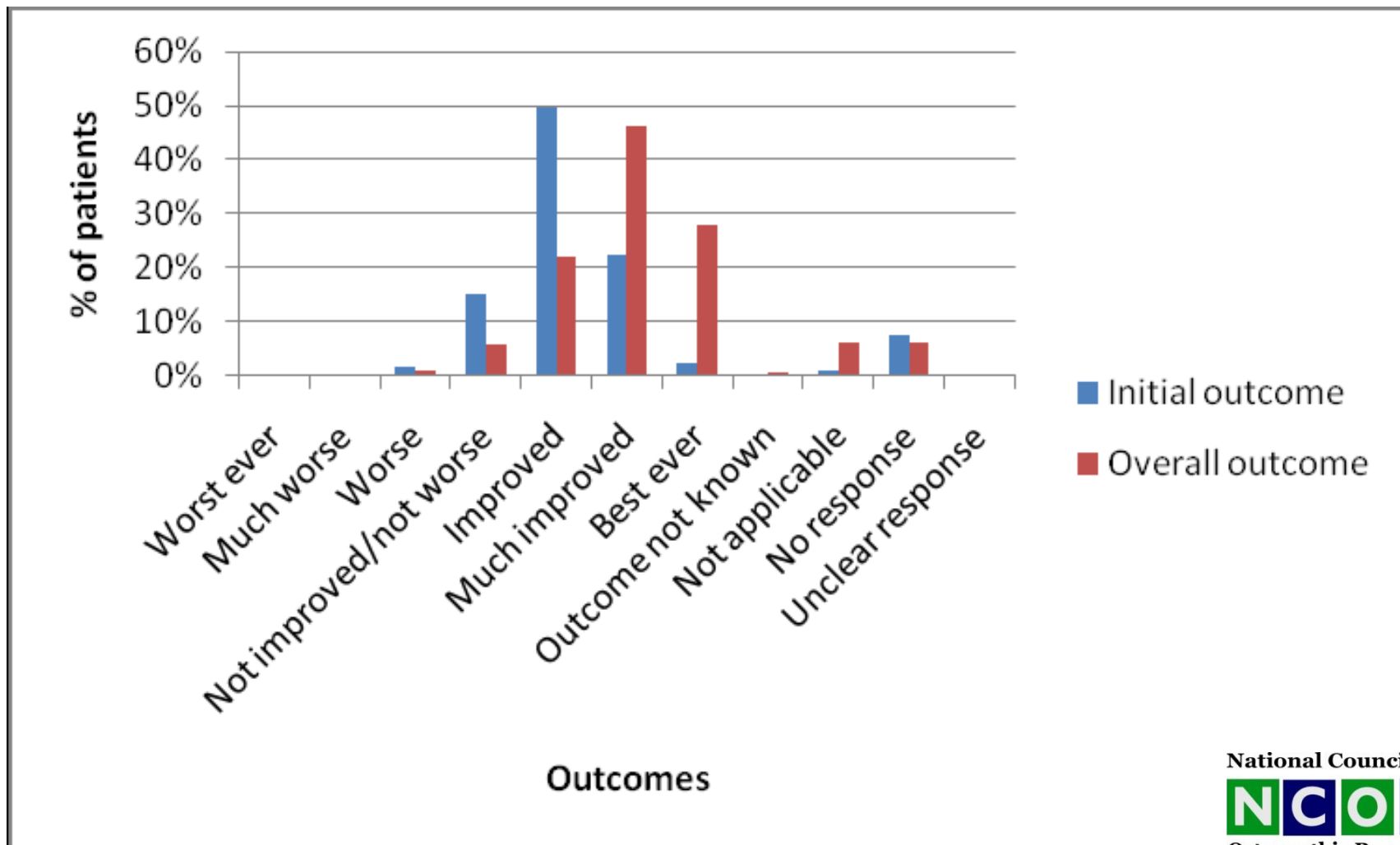


# Final outcome of treatment

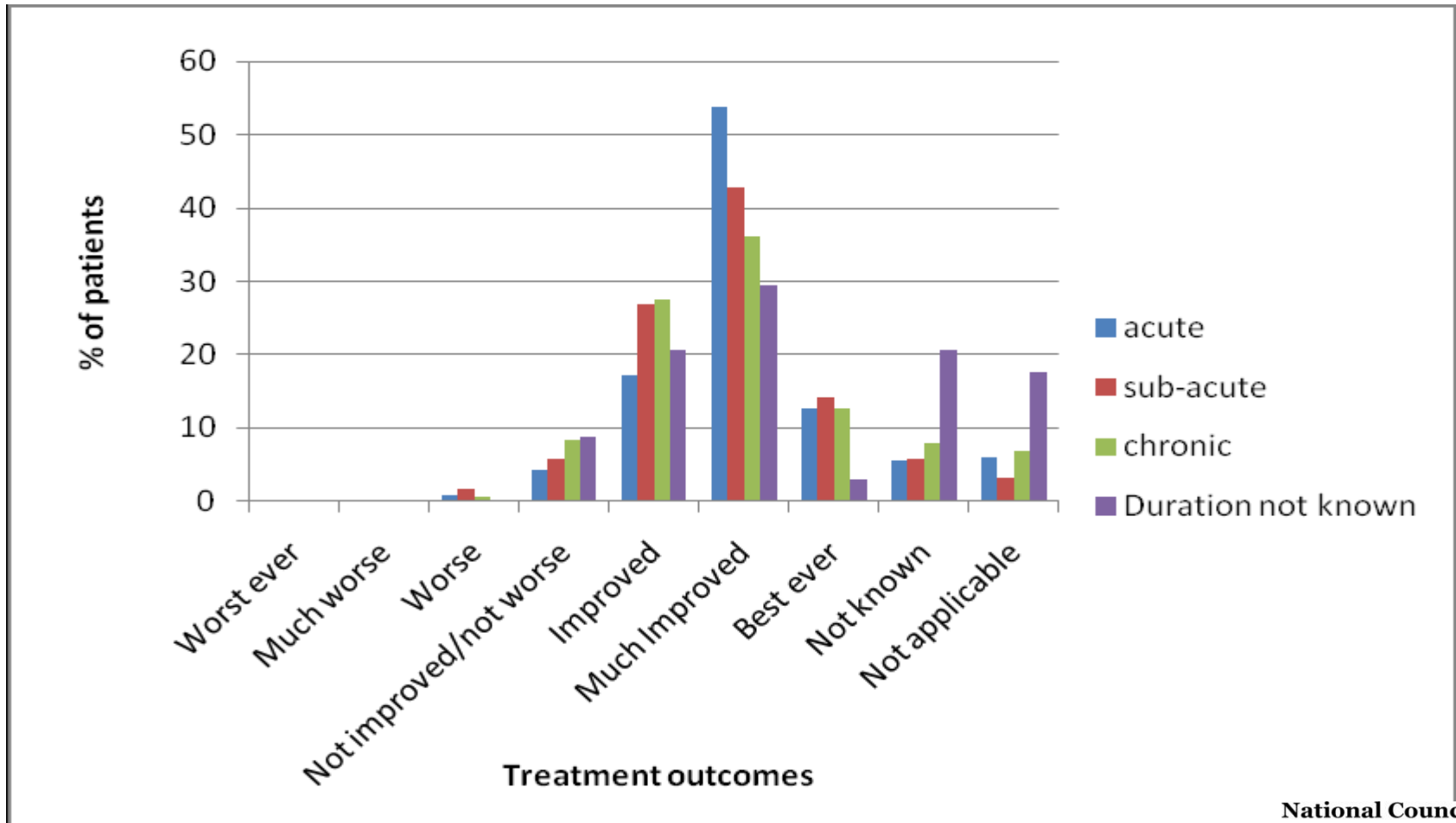




# Comparing 1<sup>st</sup> treatment with last treatment



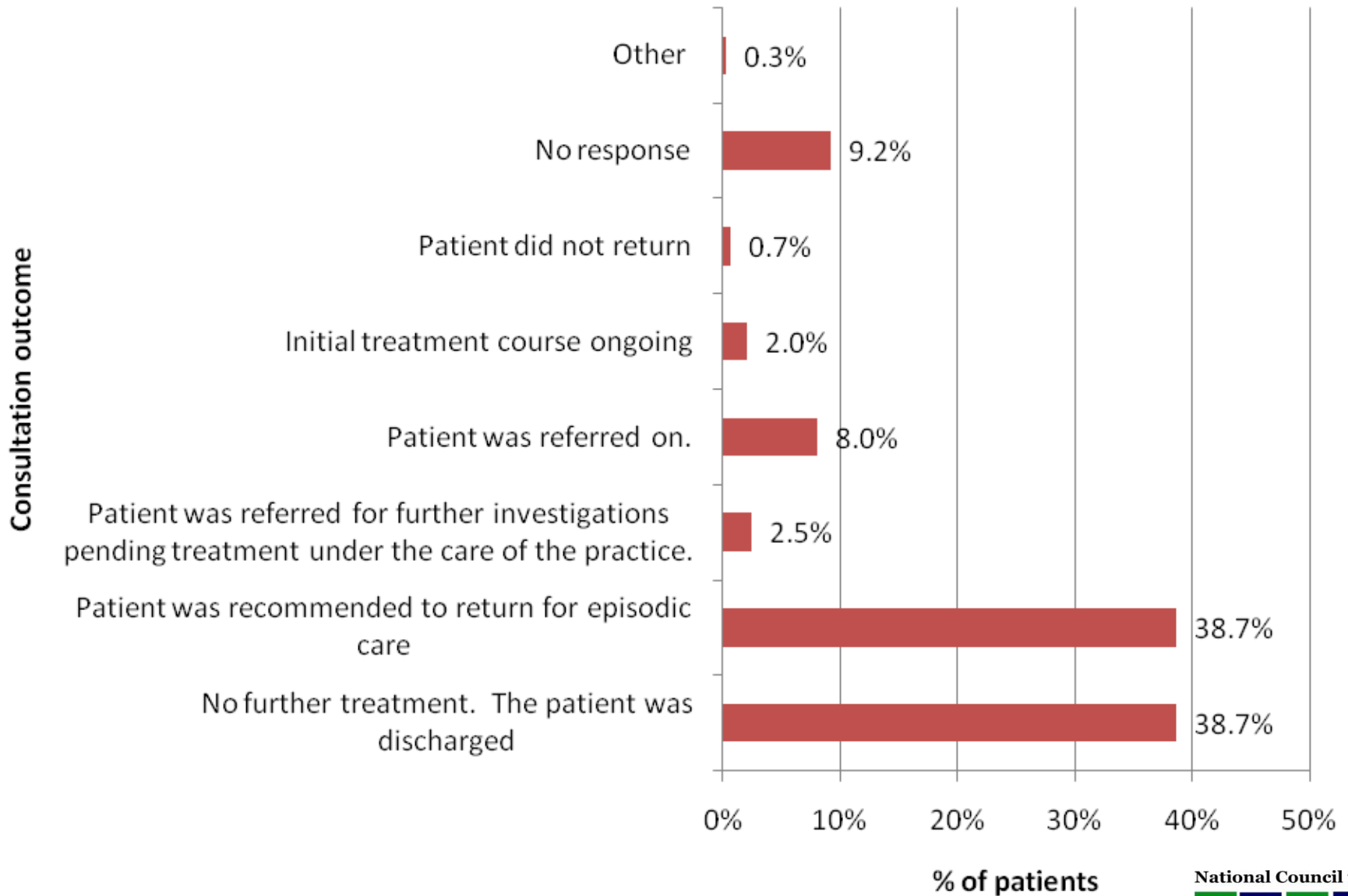
# Outcome based on duration of symptoms



# Treatment reactions

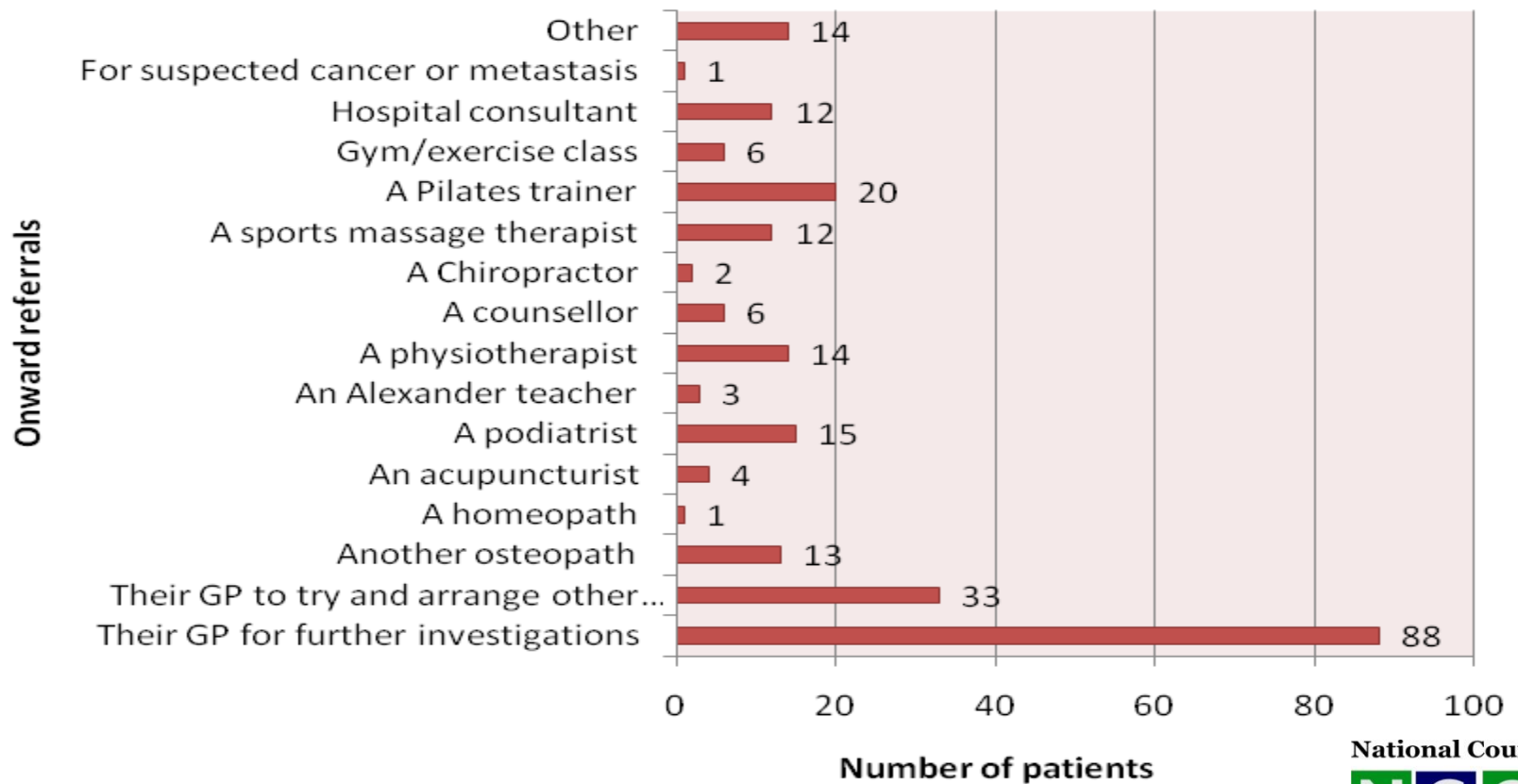
Treatment reaction	%age after 1 <sup>st</sup> treatment	%age after final treatment
None	59.4	77.3
Increased pain	14.6	3.7
Increased stiffness	18.0	4.4
Dizziness	1.5	0.3
Nausea	0.7	0.2
Headache	2.3	0.7
Fatigue	6.6	2.7
Serious adverse event	0.1	0
No response	7.4	4.2
Other	0.5	0.2
Complications not known	0.4	0.7
Not applicable	1.0	8.0
Total		103

# End result of consultation period



# Onward referral

If the patient was referred on, where was the patient referred to?



# Payment for treatment

Responsibility for payment for treatment	%age
Self	89.0
Insurance company	6.6
Employer/own company	0.6
Referral by the NHS	0.6
Other	1.2
No response	2.0
Total	100

# Other information

- Duration of first appointment
- Pending insurance claim or litigation

Final report and a copy of the lay summary can be found on the NCOR website ([www.ncor.org.uk](http://www.ncor.org.uk)) at [http://www.ncor.org.uk/wp-content/uploads/2012/10/SDC\\_final\\_report\\_2011.pdf](http://www.ncor.org.uk/wp-content/uploads/2012/10/SDC_final_report_2011.pdf)

and

[http://www.ncor.org.uk/wp-content/uploads/2012/10/SDC\\_Executive\\_Summary.pdf](http://www.ncor.org.uk/wp-content/uploads/2012/10/SDC_Executive_Summary.pdf)



# Next steps

- Short form version of the data collection tool
- Tool specifically for infants and children
- Electronic data collection

Thank you

Any questions