

# Clinical Librarianship in Leicester

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# What I'm going to talk about

- What is a Clinical Librarian?
- How our service started
- Impact
- Cutting edge?
- Future developments

# What is a Clinical Librarian?

- Join the multidisciplinary clinical team at ward rounds, clinical meetings etc.
- Respond to information needs that arise
- Provide summaries of best available up to date evidence in response to patient related information queries

# What is a Clinical Librarian?



Bennet Jones & Katie Barnard, North Bristol NHS Trust

“Clinical librarians seek to provide quality assured information to health professionals at the point of need, to support clinical decision making.”

HILL, P., 2008. *Report of a national review of NHS health library services in England: From knowledge to health in the 21st century.* Department of Health.

How did it all  
begin?





How did we do it  
in Leicester?

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# Useful tips from UHL CL service...

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- **Dedicated time**
- **Additional funding**
- **Start small**
- **Champions**
- **Offering the service to all members of the multidisciplinary team**
- **Being adaptable and alert to opportunities**
- **Practising evidence-based librarianship**

# Useful tips from UHL CL service...

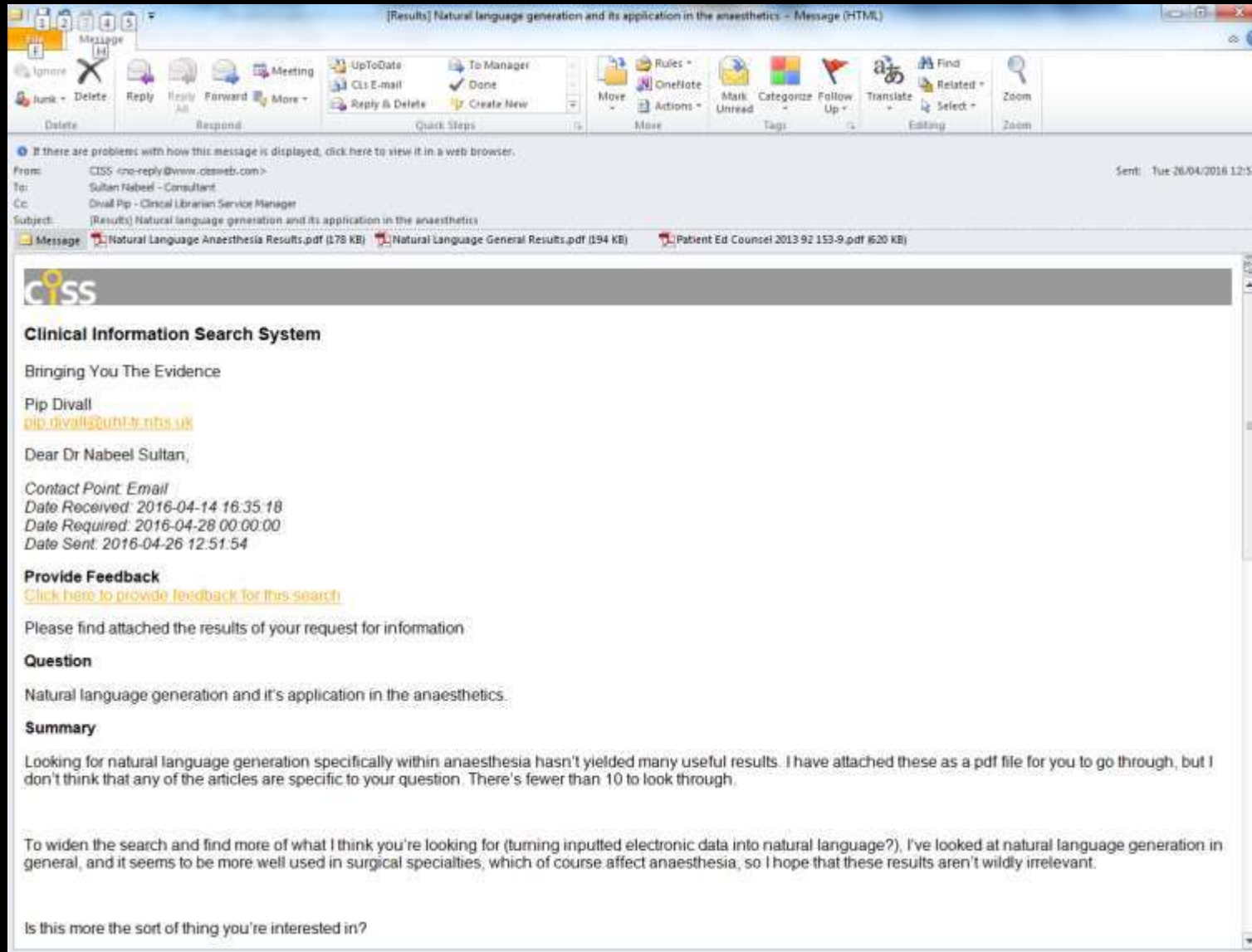
- **Dedicated time**
- **Additional funding**
- **Start small**
- **Champions**
- **Offering the service to all members of the multidisciplinary team**
- **Being adaptable and alert to opportunities**
- **Practising evidence-based librarianship**
- **Persevering**



# Tips for ward rounds

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# Evidence Summaries



[Results] Natural language generation and its application in the anaesthetics - Message (HTML)

From: CISS <no-reply@www.ciisweb.com> Sent: Tue 26/04/2016 12:52  
To: Sultan Nabeel - Consultant  
Cc: Divall Pip - Clinical Librarian Service Manager  
Subject: [Results] Natural language generation and its application in the anaesthetics

Message Natural Language Anaesthesia Results.pdf (1.78 KB) Natural Language General Results.pdf (194 KB) Patient Ed Counsel 2013 92 153-9.pdf (620 KB)

**ciis**  
**Clinical Information Search System**

Bringing You The Evidence

Pip Divall  
[pip.divall@tuhf.nhs.uk](mailto:pip.divall@tuhf.nhs.uk)

Dear Dr Nabeel Sultan,

Contact Point Email  
Date Received: 2016-04-14 16:35:18  
Date Required: 2016-04-28 00:00:00  
Date Sent: 2016-04-26 12:51:54

**Provide Feedback**  
[Click here to provide feedback for this search](#)

Please find attached the results of your request for information

**Question**

Natural language generation and it's application in the anaesthetics.

**Summary**

Looking for natural language generation specifically within anaesthesia hasn't yielded many useful results. I have attached these as a pdf file for you to go through, but I don't think that any of the articles are specific to your question. There's fewer than 10 to look through.

To widen the search and find more of what I think you're looking for (turning inputted electronic data into natural language?), I've looked at natural language generation in general, and it seems to be more well used in surgical specialities, which of course affect anaesthesia, so I hope that these results aren't wildly irrelevant.

Is this more the sort of thing you're interested in?



# What should be included?

- A title that is indicative of the content
- Statement of the research question (PICO)
- Context of the question
- The evidence, including:
  - Key messages/bottom lines of studies
  - Quality or level of evidence
- References of all studies
- Any restrictions placed on the search e.g. language, dates etc.
- Which sources have been searched
- The date of the search

# National Clinical Librarian Study

- July 2016 – HEE QIG created a Task & Finish group
- Based on work by NW CLs & Alison Brettle
- Twitter chat on #ukmedlibs on 15<sup>th</sup> March 2016

<https://ukmedlibs.wordpress.com/2016/03/16/transcript-and-analytics-for-impact-of-clinical-librarian-services-chat/>

- Chaired by Mic Heaton (Derby)
- Group convened based on regional representation

# Aim

- To evaluate the impact of Clinical Librarian (CL) services in the National Health Service (NHS);
- To identify examples of how the role of the CL has an impact in the NHS
- To add value to the impact of CL across the UK.



Cathryn James, Derby Teaching Hospitals NHS Foundation Trust

# Methods

- Using Brettle et al as a guide
- Mixed methods
- Questionnaire & interviews
- TaF group met in person and later through teleconference
- Ethics approval from Derby Teaching Hospitals Foundation Trust (registered as an audit)



Louise Hull, University Hospitals of Leicester NHS Trust

# Questionnaire phase

## Methods

- Amended from Brettle's original work
- Piloted in Derby & Leicester and further amended from feedback
- Smart Survey for data collection



Lindsay Snell, Derby Teaching Hospitals NHS Foundation Trust

# Questionnaire phase

## Results



Yvonne Stubbington, St Helens and Knowsley Teaching Hospitals NHS Trust

- 1962 surveys sent out
- 697 questionnaires returned (35% response rate)
  - 41 organisations
  - England, Wales, Scotland
- 91% of responses were related to literature searches

# Questionnaire phase

## Question themes

- Decision Making & Evidence-based Practice
- Patient Centred Care & Health Outcomes
- Quality of Care & Service Development
- Efficiency, Accountability & Safety
- Continuing Professional Development
- Supporting Research

# Interview phase

## Methods



Sarah Sutton, University Hospitals of Leicester NHS Trust

- Semi-structured topic guide based on questionnaire
- Purposive sampling
- 8 organisations undertook interviews
- 25 interviews with Clinical Staff



# Interview phase

## Data analysis

- All interviews transcribed
- Thematic analysis of transcripts
- Data triangulated by CJ and PD



Lisa Lawrence, Derby Teaching Hospitals NHS Foundation Trust

# Limitations

- Potential for “oversurveying” our customers
- Interpretation of who to send the surveys to
- Lack of engagement from some regions
- Potential interviewer bias



Hannah Wood, Weston Area Health NHS Trust

# Study Conclusions



Emily Hurt, Lancashire Teaching Hospitals NHS Foundation Trust

- Pragmatic research can be successful
- Shown complexity of the CL role
- CLs save the time of clinicians
- We do make a difference in supporting evidence-based decision making

# Cutting edge?

- Do you do a basic search or do you add value – selected best journal articles or guidelines, full critical appraisal, links to POC products and table of results
  - Could you provide CL services to your trust management or to patient information?
  - Are you embedded or are you an informationist?
  - Do you offer a Systematic Review service?
  - Will you do training, current awareness
  - Is your CL service linked to the electronic health record?
  - Does your CL service provide evidence for revalidation?
- Or is your CL service actually dull...
- Some CLs are CL in name only. Rename existing staff, no change of role.



The future?



Questions



# Further reading

- CL bibliography at:

<http://www.uhl-library.nhs.uk/cl/pdfs/bibliography.pdf>

- Peter Hill report:

- Authority in the NHS. Report of a National review of NHS Health Library Services in England: From knowledge to health in the 21st Century. Professor Peter Hill, March 2008

- The Gift of Time:

- <https://www.hee.nhs.uk/our-work/library-knowledge-services/value-proposition-gift-time>

# Further reading

- Divall, P., James, C., Heaton, M., & Brettle, A. (2022). UK survey demonstrates a wide range of impacts attributable to clinical librarian services. *Health information and libraries journal*, 39(2), 116–131. <https://doi.org/10.1111/hir.12389>
- Hartfiel, N., Sadera, G., Treadway, V., Lawrence, C., & Tudor Edwards, R. (2021). A clinical librarian in a hospital critical care unit may generate a positive return on investment. *Health information and libraries journal*, 38(2), 97–112. <https://doi.org/10.1111/hir.12332>

#amilliondecisions 





