# Introduction

The following pages contain example requests, responses and reports for each type of evidence search outlined in the LKSS Regional Evidence Searching Guidance. Each example included received excellent feedback from the requester, but every topic and requester is different: no one report can represent a perfect example and a report that one requester finds invaluable may not prove as useful to someone else. If you can establish a dialogue with your requester and an ongoing relationship then you can better meet their individual needs.

Adam Tocock  
28/12/19
Evidence Searching for Audit

Urgent request received via library service’s online request form (2 day turnaround, requester made follow-up telephone call):

| Search explanation | Home oxygen, long term oxygen therapy (LTOT). Population/patient/problem: adults
|                    | Intervention (e.g. treatment, procedure, service, exposure): treatment
|                    | Comparison: n/a
| Outcomes you want to investigate from this intervention: Whether we meet the standards of the guidelines

Search background

Review the current home oxygen service against NICE and BTS guidelines recommendations.

Study design/article type

Any

Language

English

Articles published since

2009

Response from librarian:

“Dear …

Please find attached the results of your requested search on: “Does the home oxygen service in […] meet BTS guidelines? (evidence from 2009-)”

I have attached the BTS guideline for adults, the BTS guideline for children, and the BTS quality standards for adults, as pdfs.

The related research in the attached Word doc. are arranged in reverse chronological order and come from a focused/narrow search of several sources for literature on the topic. I wanted to get you results before the weekend following your urgent request, but if you would like me to repeat the search with revised (broader) criteria, if this report is not what you had in mind, or if you would like me to present the results in a different format then please let me know and I’ll be happy to oblige. If you are aware of any papers that my search has not retrieved then please make me aware and I’ll use that information to inform another search strategy.

From the attached report you can view the full text of the articles relevant to you by clicking on the blue links to download them using your OpenAthens login details. If you do not currently have an OpenAthens account you can register for one using your NHS email address at: https://openathens.nice.org.uk/. You will be sent an email to set your own password.

The articles we do not have direct access to will have to be ordered through our inter-library loans service which may take a few days to arrive. To make article requests you will need to fill out the journal requests form on the Knowledge library services web page at: http://bartshealth-nhs.libsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form

We aim to improve our services in line with your comments. If you could please take a moment to complete our online feedback form here we would be very grateful. Could we also contact you to hear how the search impacted your decision making, for a case study please?

Look forward to hearing from you…”

Report compiled by librarian:

PDF

example audit search.pdf

https://drive.google.com/open?id=1NEL0ubeYeRxbMWdX-5w_atedZWk_9bHy
Evidence Searching for a Business Case

Request received via library service’s online request form:

<table>
<thead>
<tr>
<th>Primary reason for search</th>
<th>Business case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other reasons for search</td>
<td>Research / Publication Service change / Guideline / Policy</td>
</tr>
</tbody>
</table>

**Request title**
To know incidence of chronic pain in post mastectomy patients and to identify various predictive risk factors. Role of QST (Quantitative sensory testing) in characterising the chronic pain

**Search explanation**
1. Specifically, I wanted to find if any studies have already been done in which baseline QSTs were also done before the surgery. Most studies I went through have done QST AFTER the surgery have found that chronic pain has neuropathic element. 2. Also a search on studies regarding what interventions have been done to reduce the incidence of chronic pain post mastectomy. (Use of any perioperative neuropathic medications like gabapentin/pregabalin or doing any nerve blocks etc.) Population/patient/problem: Females with Breast Cancer intervention (e.g. treatment, procedure, service, exposure): Undergoing mastectomy with or without axillary clearance or reconstruction procedures Outcome: you want to investigate from this intervention: Incidence of pain, interventions studied to reduce it.

**Articles published since:** 1999

**Age groups**
Adult (19 - 65 years) Adult (66 - 79 years)

Response from librarian:

“Dear Dr ... 

Hope this email finds you well.

Please find attached the results of your requested search on: “Incidence of chronic pain in post mastectomy patients and to identify various predictive risk factors. Role of QST (Quantitative sensory testing) in characterising the chronic pain” (research since 1999).

The results in the attached Word doc. are arranged in reverse chronological order and come from a sensitive search of several sources. I’ve grouped the 2 subdivisions of your search together as I did not retrieve many articles that expressly mention baseline QSTs or pain measurements – only results #15, 30 and 72 in the attached report as I could see – is that what you would expect? Further papers mention QSTs at other points: #10, 54, 96, 101, 112, and 115.

Of the papers I retrieved in the report please note that the following results are review articles: #5, 9, 13,18, 25, 26, 38, 57, 107, 113, 116, 132, 142, 147 and 148.

Papers focusing on predictive risk factors: #9, 26, 29, 36, 43, 91, 95, 102, 104, 113, and 115 (also results #s 130 and 146 to a lesser extent).

Papers focusing on incidence: #1, 8, 11, 22, 29, 70, 93, 95, 113, 114, 140.

If this report is not what you had in mind, if you would like me to repeat the search with revised criteria, or if you would like me to present the results in a different format then please let me know and I’ll be happy to oblige. If you are aware of any papers/resources that my search has not retrieved then please make me aware and I’ll use that information to inform another search strategy.
From the attached report you can view the full text of the articles relevant to you by clicking on the blue links to download them using your OpenAthens login details. If you do not currently have an OpenAthens account you can register for one using your NHS email address at: https://openathens.nice.org.uk/. You will be sent an email to set your own password.

The articles we do not have direct access to will have to be ordered through our inter-library loans service which may take a few days to arrive. To make article requests you will need to fill out the journal requests form on the Knowledge library services web page at: http://bartshealth-nhs.labsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form

We aim to improve our services in line with your comments. If you could please take a moment to complete our online feedback form here we would be very grateful. Could we also contact you to hear how the search impacted your decision making, for a case study please?

Look forward to hearing from you…”

Report compiled by librarian:

example business case search.pdf
https://drive.google.com/open?id=1fycKjqXi-QFPeWcqtw8dsCDo7NF3
Evidence Searching for Care of a Specific Patient

Request received via Knowledgeshare:

Response from librarian [note very few articles were retrieved]:

“Dear...

Please find attached the results of your requested search on: Sleep apnoea + ventricular ectopy (or ectopics) + heart failure + left ventricular impairment.

The results are arranged in reverse chronological order and come from a sensitive/broad search of several healthcare databases (the full strategy used is included at the end of the report). I regret that there seems to be very little out there that features the 4 elements you specified, but results #1 and #7 are review articles (though with a slightly broader focus).

Would you expect that to be the case? Let me know if you're aware of any studies that my search has not retrieved and I'll use that information to inform a subsequent search. Alternatively, if you have any suggestions to improve the search strategy, and/or if you'd like me to search again with revised criteria (ie, sleep apnea + eptopics more generally) then please let me know.

You can get to the full text of articles within the attached Word doc. by clicking on the hyperlinks to download them using your NHS Athens username and password (You can create an NHS OpenAthens account [here](https://drive.google.com/open?id=1zp6N6yj4ioK4m9MsmvL76jcn_oq1DbsR)).

The articles we do not have direct access to can be ordered through our inter-library loans service and may take a few days to arrive. To make article requests please fill out the journal requests form on the Knowledge library services web page at: [http://bartshealth-nhs.libsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form](http://bartshealth-nhs.libsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form)

We are aiming to improve our services in line with your comments. Please take a moment to complete this online feedback form.

Look forward to hearing from you...”

Report compiled by librarian:

[example care of a specific patient search.pdf](https://drive.google.com/open?id=1zp6N6yj4ioK4m9MsmvL76jcn_oq1DbsR)
Evidence Searching for Commissioning

Request received via Knowledgeshare:

<table>
<thead>
<tr>
<th>Primary reason for search</th>
<th>Commissioning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other reasons for search</td>
<td>Service change / Guideline / Policy</td>
</tr>
</tbody>
</table>

**Request title**
The impact of the Hello Nurse. Patient safety in the ED waiting room.

**Search explanation**
Please explain precisely what you require, preferably in one or two sentences and also list any topics you would like us to exclude from the results. Please also give any alternative terminology, key words and phrases that might be relevant. Was originally implemented year ago, so papers maybe a little dated. One article found via google search. https://www.bmj.com/content/315/709/143.6 Outcomes you want to investigate from this intervention. To implement the Hello Nurse / floor walker for the waiting room.

**Search background**
As per e-mail request. Urgent paper to progress the evaluation of the Hello Nurse role to be in place for a 12 month contract.

Response from librarian:

“Hope this email finds you well.

Please find attached the results of your requested evidence search for “Impact of the Hello Nurse…”

The attached word doc contains results arranged in reverse chronological order. I regret that even a sensitive search did not uncover much, though this suggests your role is innovative, so if you would like help evaluating it, or adding to the body of evidence by publishing on it, let me know and we can put you in touch with the right colleagues. If the attached report isn’t what you had in mind, let me know and I’ll be happy to search again with revised criteria.

You can get to the full text of articles within the attached report by clicking on the hyperlinks to download them using your NHS Athens username and password (let me know if you need reminder of your username/password, or if you need to set-up an account).

The articles we do not have direct access to will have to be ordered through our inter-library loans service which may take a few days to arrive. To make article requests please fill out the journal requests form on the Knowledge library services web page at: [http://bartshealth-nhs.libsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form](http://bartshealth-nhs.libsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form)

Look forward to hearing from you…”

Report compiled by librarian:

[example commissioning search.pdf](https://drive.google.com/open?id=1fdIEpYNAl6pSR_bPUfdL1gV0nzTr1u-D)
Evidence Searching for Coursework/Study

Request received via library’s online form:

<table>
<thead>
<tr>
<th><strong>Deadline requested by member</strong></th>
<th>05/08/19</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Deadline revised by staff</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Primary reason for search</strong></td>
<td>Coursework / Study</td>
</tr>
<tr>
<td><strong>Other reasons for search</strong></td>
<td>General interest / CPD, Research / Publication</td>
</tr>
</tbody>
</table>

Response from librarian:

“Dear ...

Hope this email finds you well.

Thank you for requesting an evidence search. I regret that as your search is going towards your coursework we cannot perform a full search on your behalf, as the literature search forms part of your learning objectives and will be assessed as your work.

We can instead arrange a training session at a time and place of your convenience where we can show you how to search the literature to find evidence on your topic. You’l come away with useful papers for your coursework and you’ll have done the majority of the literature search part! Please let me know when you’d like to arrange this training.

In the meantime here are some preliminary results I found by searching NICE Evidence:

https://www.evidence.nhs.uk/search?q=future+pressure+nhs

...and here are some more I found by searching the Kings Fund website:

https://www.kingsfund.org.uk/topics/nhs-long-term-plan

...and some from the Social Care Institute for Excellence:

https://www.scie.org.uk/future-of-care

We can find more results at the training session.

Look forward to hearing from you...”
Evidence Searching for General Interest/Continuing Professional Development (CPD)

Request received via Knowledgeshare:

<table>
<thead>
<tr>
<th>Primary reason for search</th>
<th>General interest / CPD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other reasons for search</td>
<td>General interest / CPD</td>
</tr>
<tr>
<td>Request title</td>
<td>ablation by radiation/radiotherapy for ventricular tachycardia</td>
</tr>
<tr>
<td>Search explanation</td>
<td>[see the paper he requested, attached] any type of research, looking to improve knowledge and get an understanding. Last 10 years (go to 5 if the search retrieves too much). This has only become topical in last 2-3 years.</td>
</tr>
<tr>
<td>Study design/article type</td>
<td>all</td>
</tr>
<tr>
<td>Language</td>
<td>English</td>
</tr>
<tr>
<td>Articles published since:</td>
<td>2008</td>
</tr>
<tr>
<td>Age groups</td>
<td>Adult (19 - 65 years) Older adults (80 years and over)</td>
</tr>
<tr>
<td></td>
<td>Adult (66 - 79 years)</td>
</tr>
</tbody>
</table>

Response from librarian:

“Dear ...

Hope this email finds you well.

Please find attached the results of your requested evidence search, "ablation by radiation/radiotherapy for ventricular tachycardia" [research from last 10 years, adult populations only, English language only]

The attached word doc contains the results of a sensitive search of several sources, arranged in reverse chronological order. If this is not what you had in mind, please let me know - I will be happy to search again with revised criteria or present results in a different format.

You can get to the full text of articles within the attached report by clicking on the hyperlinks to download them using your NHS Athens username and password (let me know if you need reminder of your username/password, or if you need to set-up an account).

The articles we do not have direct access to will have to be ordered through our inter-library loans service which may take a few days to arrive. To make article requests please fill out the journal requests form on the Knowledge library services web page at: http://bartshealth-nhs.libsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form

Let us know if you would like further help following these results, happy to oblige.

Look forward to hearing from you…”

Report compiled by librarian:

https://drive.google.com/file/d/1ldZfjN1BeAjMIQHvrS8GSQ8e0x31dtqw/view?usp=sharing
Evidence Searching for Patient Information: Question(s) from a Patient

Request received in-person from a member of staff at a library induction session.

Response from librarian:

“Dear...

Good to see you at the training session today. As promised, please find below some useful links to help with your inquisitive patient’s query on: “different types of cancer and their treatment (including drugs and their side effects)”

- **Types of Cancer** from BYJU's
- **Cancer-Types** from knowcancer.com – this lists cancers by type and goes into each one’s individual traits.
- **Types of Cancer** from Cancer Research UK – this again lists by types and allows further exploration by clicking the links within.
- **Types or Cancer** from Patient.info provides another useful list of categories and includes a video along with good entry-level information.

NICE Evidence Search at [www.evidence.nhs.uk](http://www.evidence.nhs.uk) contains a wealth of high-quality information on cancers, it is freely accessible online and filters on the left-hand side menu can be used to limit search results to just the understandable information for patients.

Our staff have access to the point-of-care tools **Dynamed** and **UpToDate**, and **BMJ Best Practice** too, these all contain extensive entries on each individual type of cancer, and its current treatments (including side effects of drugs etc).

For example, here is the **Dynamed** entry on “Breast Cancer in women”,

here is the **UpToDate** entry on “Overview of the initial treatment and prognosis of lung cancer”,

and here is the **BMJ Best Practice** entry on “Stomach cancer”.

Each of these entries has an “information for patients” section you can send-on or adapt for your patient. **Uptodate** has two tiers of information for patients so you could forward them the basic or expert information as you prefer.

You can access Dynamed and UpToDate from Barts Health Trust PCs without logging-in, via the intranet homepage: if you scroll to the bottom of the page there is a carousel of links, scroll it to the right and you will see the links to Dynamed and UpToDate. If you’re not on a Trust-network PC then you will need to log-in using your NHS Athens username and password to access these tools. You can register for an NHS Athens account here (just make sure you give your nhs.net email address)

We also have a **LibGuide on Cancer**: a webpage we’ve created that gathers up all the resources we have on cancer. You’ll need an NHS Athens account to access most of these (let me know if you have any problems accessing this or anything else). This links out to the National Institute of Health and Care Excellence’s national guidelines on the treatment of cancer, as well as charities and other organisations for specific types of cancer, all rich in resources and information for patients.

Hope this helps, get in touch if you’d like more information and I’ll be happy to help…”
Evidence Searching for Patient Information: Creating Information Resources for Patients

Request forwarded to librarian, who asked for some clarification:

“Dear

Your email was forwarded to me- I can certainly have a look for materials to help you out with this.

Could you send me a few more details- are you looking for resources to share with your patients as well as literature to inform yourself? I can find some on both subjects that you should be able to put into a patient leaflet.

Best wishes…”

Clarification received from requester:

“Dear...

thank you so much for picking up on this. In our experience children between about 12 months of age to about 4-5 years can get quite anxious coming up to vaccination and I wondered if there is an information leaflet I can make available to parents ahead of vaccination.

I guess also the behaviour of doctor/nurse may well be influential on how children behave. Interestingly one of our nurses has developed quite a rapid, matter of fact, flow of patter that continues right up to the point (and after) the needles goes in! It was almost like a conjurer's distraction rather than 'reasoning and explaining ' to the child seemed to work for her...

So information for family/patient and also for clinician to improve our technique…”

Response from librarian:

“Dear...

Please see attached for your evidence search.

As well as a couple of general guidelines, I’ve tried to add resources that you can pick and choose relevant points from to make your own leaflet, and they’re all free, so you can share them staff/parents etc without any access issues.

I hope you find this helpful, please let me know if you need anything else.

Best wishes…”

Report compiled by librarian:

example patient information resource se

https://drive.google.com/open?id=1U9n2PL30OqiCHA8xiu_aDMLhIUFDh5VR
Evidence Searching for a Quality Improvement (QI) Project

Example 1

Request received via email:

“I’m a registrar in Emergency Medicine, working at … I am currently writing up a Quality Improvement Project (QIP) and would like some help with the Literature review. My QIP aims to improve the management of Children presenting [at] (... my previous employer, where I started this QIP). Children’s Emergency Department with wheeze: To reduce the number of children with mild and moderate wheeze admitted to CAU by reducing the time taken to give the treatment and reducing the absolute time needed to ‘stretch’ from the burst, thus safely delivering the treatment and review period within the ED four hour window. By changing the guidelines to make them easier to follow, we hoped to increase the adherence to them. We altered the tick box check list to ensure robust safe discharge and reduce the risk of re attendance. Would you be able to search to see what evidence there is regarding: 1. the timings of giving inhalers there in acute asthma/wheeze presentation. 2. Adding Ipratropium inhaler to the burst for moderate symptoms 3. Reviewing at 3 hours after treatment as an appropriate length of time to safely review response to treatment and facilitate discharge Also Is there any research on QIP projects and how to successfully implement change”.

Response from librarian:

“Dear …

Hope this email finds you well. Please find attached the results of your requested search on: "What is the accuracy of transcutaneous CO2 monitors compared to arterial blood gases" [results from 2010-, adult populations only]

The attached report contains the results of a systematic search of several healthcare databases and wider sources, arranged in reverse chronological order, with high tier evidence first of all.

I searched using a broad/sensitive strategy for any/all articles covering monitoring of both transcutaneous CO2 and arterial blood gases. If you are aware of any relevant research my search has not retrieved then do please let me know and I'll use that information to reiterate the search. If you would like me to search again with different criteria, if this report is not what you had in mind, or if you would like me to present the results in a different format then again please inform me and I'll be happy to oblige. We can also set up alerts so that you'll be notified whenever new research is published in this area, or we can set you up for regular bulletins outlining the latest news/research in this area.

From the attached report you can view the full text of the articles relevant to you by clicking on the blue links to download them using your OpenAthens login details. If you do not currently have an OpenAthens account you can register for one using your NHS email address at: https://openathens.nice.org.uk/. You will be sent an email to set your own password.

The articles we do not have direct access to will have to be ordered through our inter-library loans service which may take a few days to arrive. To make article requests you will need to fill out the journal requests form on the Knowledge library services web page at: http://bartshealth-nhs.libsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form

We aim to improve our services in line with your comments. If you could please take a moment to complete our online feedback form here we would be very grateful. Could we also contact you to hear how the search impacted your decision making, for a case study please?

Look forward to hearing from you…”

Report compiled by librarian:

https://drive.google.com/file/d/1qoGBNtY2BmSiiH-aQkT9ka6XbRX4G7sz
Example 2

Request received via library’s online request form:

<table>
<thead>
<tr>
<th><strong>Request title</strong></th>
<th>Nutrition and Traumatic Brain Injury QI</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Search explanation</strong></td>
<td>I want to know what evidence is available looking at either enteral, parenteral or oral nutrition support in relation to patients who have experienced a traumatic brain injury. I am particularly interested in evidence on the energy and/or protein requirements of these patients. Population/patient/problem: The search should focus ideally on acute inpatients (on a ward, high dependency unit or intensive care unit) but if there is any data pertaining to outpatients I would also be interested to see this. Intervention (e.g. treatment, procedure, service, exposure): Provision of nutrition, enteral feed (including nasogastric feeding), parenteral nutrition (TPN), food/total intake. Adequacy of nutrition Comparison: Not really applicable Outcomes you want to investigate from this intervention: Weight loss/gain, nitrogen balance, length of stay in ICU, length of stay in hospital, mortality, functional outcomes (perhaps assessed using a physical activity questionnaire, or something like SF-36) Age Groups (tick all that apply): 16 years and older</td>
</tr>
<tr>
<td><strong>Search background</strong></td>
<td>I want to look at the current evidence available on the topic. I expect that there is a gap in the evidence on the topic and hope that this will help to support a quality improvement/potential research project in the area.</td>
</tr>
<tr>
<td><strong>Study design/article type</strong></td>
<td>Any</td>
</tr>
<tr>
<td><strong>Language</strong></td>
<td>English</td>
</tr>
<tr>
<td><strong>Articles published since:</strong></td>
<td>1950</td>
</tr>
<tr>
<td><strong>Age groups</strong></td>
<td>Adolescent (13 - 18 years) Adult (66 - 79 years)</td>
</tr>
<tr>
<td></td>
<td>Adult (19 - 65 years) Older adults (80 years and over)</td>
</tr>
</tbody>
</table>

Response from librarian:

“Dear …

Hope this email finds you well.

Please find attached the results of your requested evidence search on: Nutrition and Traumatic Brain Injury. Synopses and Cochrane reviews are presented at the top of the report, with guidelines and review articles highlighted amongst the results retrieved from healthcare databases.

Select the articles relevant to you by clicking on the blue links to download them using your OpenAthens login details. If you do not currently have an OpenAthens account you can register for one using your NHS email address at: [https://openathens.nice.org.uk/](https://openathens.nice.org.uk/). You will be sent an email to set your own password.

The articles we do not have direct access to will have to be ordered through our inter-library loans service which may take a few days to arrive. To make article requests you will need to fill out the journal requests form on the Knowledge library services web page at: [http://bartshealth-nhs.libsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form](http://bartshealth-nhs.libsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form)

If you would like to stay up to date in this area, we can set up alerts so that you’ll be made aware of the new research published on this topic going forward.

We aim to improve our services in line with your comments. Please take a moment to complete this online feedback form: [https://www.knowledgeshare.nhs.uk/index.php?PageID=literature_search_request_feedback&Token=FKnNCKjbcnKLLqkSWF](https://www.knowledgeshare.nhs.uk/index.php?PageID=literature_search_request_feedback&Token=FKnNCKjbcnKLLqkSWF)

Please do not hesitate to contact me if you need further help.

Best regards…”

Report compiled by librarian:

[example QI search 2.pdf](https://drive.google.com/open?id=1o-bU2Hm5JnY0REfZJJ2H-myLmVaDjml3)
Evidence Searching to Support Research/Writing for Publication:

Request via library's online form:

<table>
<thead>
<tr>
<th>Primary reason for search</th>
<th>Research / Publication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other reasons for search</td>
<td>Audit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Request title</th>
<th>To what extent are Foundation Doctors in the UK affected by the effects of burnout and moral injury? How is this influenced by resilience and does this impact on empathy?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Search explanation</td>
<td>Please conduct a literature search looking at studies which have addressed burnout, resilience, moral injury and empathy testing in junior doctors. Population/patient/problem: Junior doctors in the UK ideally, although world wide also interesting. Intervention (e.g. treatment, procedure, service, exposure): no specific intervention we are interested in just looking at the scope of investigation into this topic. Comparison: Comparison with rest of world and independently compared with studies done in medical students. Outcomes you want to investigate from this intervention: Whether there has been investigation into these effects in junior doctors.</td>
</tr>
<tr>
<td>Search background</td>
<td>I am looking into the effects of burnout, empathy and moral injury of foundation doctors in the UK. The results will guide me on what research as already been conducted and where to focus further research.</td>
</tr>
<tr>
<td>Study design/article type</td>
<td>Any</td>
</tr>
<tr>
<td>Language</td>
<td>English</td>
</tr>
<tr>
<td>Articles published since:</td>
<td>2009</td>
</tr>
<tr>
<td>Age groups</td>
<td>Adult (19 - 65 years) Adult (66 - 79 years)</td>
</tr>
</tbody>
</table>

Response from librarian:

"Dear ... 

Please find attached the results of your requested evidence search on: "To what extent are Foundation Doctors in the UK affected by the effects of burnout and moral injury?"

The attached report contains the results of a systematic sensitive/broad search of several healthcare databases and other sources, arranged in reverse chronological order, with reviews and other secondary evidence highlighted. I searched for any/all literature dealing with junior doctors and burnout, without specifying other facets (so as to include all other facets). Amongst the results are non-UK papers and a few papers dealing with more senior doctors as well as junior doctors to provide context and comparison.

Please let me know if you would like me to search again with different criteria, if this report is not what you had in mind, or if you would like me to present the results in a different format - I'll be happy to oblige. We can also set up alerts so that you'll be notified whenever new research is published in this area, or we can set you up for regular bulletins outlining the latest news/research in this area.

From the attached report you can view the full text of the articles relevant to you by clicking on the blue links to download them using your OpenAthens login details. If you do not currently have an OpenAthens account you can register for one using your NHS email address at: https://openathens.nice.org.uk. You will be sent an email to set your own password.

The articles we do not have direct access to will have to be ordered through our inter-library loans service which may take a few days to arrive. To make article requests you will need to fill out the journal requests form on the Knowledge and Library Services web page at: http://bartshealth.nhs.libsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form

We aim to improve our services in line with your comments. If you could please take a moment to complete our online feedback form here we would be very grateful. Could we also contact you to hear how the search impacted your decision making, for a case study please?

Look forward to hearing from you..."

Report compiled by librarian:

https://drive.google.com/open?id=1gGVPZpuRPdpYWTfYltCJ6MtzhecV_-_8YO
Evidence Searching for Service Change, Guideline, or Policy

Request received via library service's online request form:

- **Primary reason for search:** Service change / Guideline / Policy
- **Request title:** offering music to patients during their coronary angiography procedures to help reduce procedural anxiety
- **Search explanation:**
  "The project is about offering music to patients during their coronary angiography procedures to help reduce procedural anxiety. I have already found some studies using key words such as "music intervention/music therapy during coronary procedures" however I don't think I am doing it very systematically. I work full time and this isn't for any sort of external qualifications. I understand you may not have time to do a full search for me but any advice you can give me would be much appreciated!"

Response from librarian:

"Dear ...

Hope this email finds you well. Please find attached the results of your requested evidence search on: "offering music to patients during their coronary angiography procedures to help reduce procedural anxiety".

The attached report contains the results of a systematic sensitive/broad search of several healthcare databases and other sources, arranged in reverse chronological order. I regret that I haven't retrieved a great deal at all despite this inclusive approach, is that what you would expect? If you know of anything relevant that my search did not retrieve then let me know and I'll use that info to inform another search strategy.

Please let me know if you would like me to search again with different criteria, if this report is not what you had in mind, or if you would like me to present the results in a different format - I'll be happy to oblige. We can also set up alerts so that you'll be notified whenever new research is published in this area, or we can set you up for regular bulletins outlining the latest news/research in this area.

From the attached report you can view the full text of the articles relevant to you by clicking on the blue links to download them using your OpenAthens login details. If you do not currently have an OpenAthens account you can register for one using your NHS email address at: https://openathens.nice.org.uk/. You will be sent an email to set your own password.

The articles we do not have direct access to will have to be ordered through our inter-library loans service which may take a few days to arrive. To make article requests you will need to fill out the journal requests form on the Knowledge library services web page at: http://bartshealth-nhs.libsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form

We aim to improve our services in line with your comments. If you could please take a moment to complete our online feedback form here we would be very grateful. Could we also contact you to hear how the search impacted your decision making, for a case study please?

Look forward to hearing from you..."

Report compiled by librarian:

[example service change search.pdf](https://drive.google.com/open?id=1BN89u8rbXFqySX24ss1m2WR8oBMvPvV)
Evidence Searching to Support Systematic Reviews

Request confirmed via email, after a face-to-face meeting with requester:

Subject: RE: review
"Good to see you just now..., just to confirm, as per your protocol, here's what we’re looking for:
Refractory angina + all types of treatment (including: stems cells, any interventional treatment - especially novel interventions, spinal cord stimulation, laser revascularisation, nerve stimulation, extracorporeal shockwaves, PCI options)
All types of paper (not just trials/meta-analyses/reviews)
No date limits
Adults only (no paeds)
No language/geographic limitations
I’ll use the meta-analyses you brought in as guides and will aim to have an Endnote library compiled for you by the end of next week.
I’ll keep track of numbers for PRISMA diagram and send you a narrative explanation of the search strategy also. The search will inclusive/broad, so there will be a big yield, and likely a high proportion of irrelevant articles that I will leave for you to screen from the final set of results.
Thanks and all the best…"

Response from librarian:

"Dear ...

With apologies for the delay caused by technical difficulties, and thanks for your patience, please find attached bibex and RIS files of your complete deduplicated search results. I’ve also shared my Endnote web groups below with you.

I’ve tested the search and it retrieved all the papers that you had identified in your scoping search previously but if you find it has missed any then let me know and I’ll revise the strategy. I’ll get some narrative of the search to you hopefully this afternoon or if not then first-thing next week.

Here are the numbers:

Dr … - clinicaltrials.gov results (30)
Dr … - Cochrane results (246)
Dr … - combined results (3712)
Dr … – combined and deduplicated results (2659)
Dr … - Embase results (1611)
Dr … - Medline results (1825)

After the exporting combined results to Mendeley, which automatically merges exact duplicate records that it identifies, there were 2815, but the set still contained duplicates. After using Mendeley’s “find duplicate” tool to get rid of any remaining duplicates there were 2664. After manually screening again for duplicates there are 2659.

Re: the strategies used:

In clinicaltrials.gov I searched using the terms “refractory angina”, “intractable angina”, “intractable angina”, “drug resistant angina” and “symptomatic coronary artery disease” (screen grabs attached). Search conducted on XX/XX/20XX.

In the Cochrane library I used a strategy identical to the Medline strategy below (screen grab attached). Search conducted on XX/XX/20XX.
In Embase and Medline I used the following strategy:

1 EMBASE (refractory angina).ti,ab 1186
2 EMBASE (symptomatic coronary artery disease*).ti,ab 651
3 EMBASE (intract?ble angina).ti,ab 221
4 EMBASE (drug resist* angina).ti,ab 6
5 EMBASE exp "ANGINA PECTORIS"/ 92235
6 EMBASE (refractory OR intract?ble OR drug resist*).ti,ab 291161
7 EMBASE (5 AND 6) 2341
8 EMBASE ((1 OR 2 OR 3 OR 4 OR 7) 3128
9 EMBASE ((alternative OR novel OR new OR experimental) AND (therap* OR intervention* OR treatment*).ti,ab 1673132
10 EMBASE (PCI OR percutaneous coronary intervention*).ti,ab 63835
11 EMBASE (spinal cord? stimulat*).ti,ab 4794
12 EMBASE (laser revasculari?ation).ti,ab 635
13 EMBASE (counterpulsat* OR "counter pulsat*").ti,ab 3104
14 EMBASE (regenerative cell* OR stem cell* OR bone marrow OR CD133).ti,ab 530669
15 EMBASE (nerve? stimulat*).ti,ab 28762
16 EMBASE (extracorporeal OR "extra corporeal") AND (shockwave* OR "shock wave*").ti,ab 7788
17 EMBASE (lithotripsy).ti,ab 13869
18 EMBASE exp "PERCUTANEOUS CORONARY INTERVENTION"/ 85366
19 EMBASE exp "STEM CELL TRANSPLANTATION"/ 126088
20 EMBASE exp "BONE MARROW CELL"/ 107720
21 EMBASE exp "BONE MARROW TRANSPLANTATION"/ 62663
22 EMBASE exp "STEM CELL"/ 307615
23 EMBASE exp "ENDOTHELIAL PROGENITOR CELL"/ 7377
24 EMBASE exp "SPINAL CORD STIMULATION"/ 5574
25 EMBASE exp COUNTERPULSATION/ 2331
26 EMBASE exp "LASER SURGERY"/ 60129
27 EMBASE exp "HEART MUSCLE REVASCULARIZATION"/ 28153
28 (26 AND 27) 380
29 EMBASE exp "EXTRACORPOREAL SHOCK WAVE LITHOTRIPSY"/ 772
30 EMBASE (9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 28 OR 29) 2401818
31 EMBASE (8 AND 30) 1611
32 Medline (refractory angina).ti,ab 1471
33 Medline (symptomatic coronary artery disease*).ti,ab 3635
34 Medline (intract?ble angina).ti,ab 245
35 Medline (drug resist* angina).ti,ab 206
36 Medline exp "ANGINA PECTORIS"/ 42060
37 Medline (refractory OR intract?ble OR drug resist*).ti,ab 258077
38 Medline (36 AND 37) 1272
39 Medline (32 OR 33 OR 34 OR 35 OR 38) 5542
40 Medline ((alternative OR novel OR new OR experimental) AND (therap* OR intervention* OR treatment*).ti,ab 1080611
41 Medline (PCI OR percutaneous coronary intervention*).ti,ab 35483
42 Medline (spinal cord? stimulat*).ti,ab 16303
43 Medline (laser revasculari?ation).ti,ab 1122
44 Medline (counterpulsat* OR "counter pulsat*").ti,ab 2270
45 Medline (regenerative cell* OR stem cell* OR bone marrow OR CD133).ti,ab 407050
46 Medline (nerve? stimulat*).ti,ab 67257
47 Medline ((extracorporeal OR "extra corporeal") AND (shockwave* OR "shock wave*")).ti,ab 6099
48 Medline (lithotripsy).ti,ab 9503
49 Medline exp "PERCUTANEOUS CORONARY INTERVENTION"/ 46016
50 Medline exp "SPINAL CORD STIMULATION"/ 603
51 Medline exp "TRANSMYOCARDIAL LASER REVASCULARIZATION"/ 19
52 Medline exp COUNTERPULSATION/ 4266
53 Medline exp "STEM CELLS"/ 209115
54 Medline exp "ENDOTHELIAL PROGENITOR CELLS"/ 1059
55 Medline exp "STEM CELL TRANSPLANTATION"/ 70236
56 Medline exp "BONE MARROW TRANSPLANTATION"/ 43380
57 Medline exp "BONE MARROW CELLS"/ 289255
58 Medline exp LITHOTRIPSY/ 9852
59 Medline (40 OR 41 OR 42 OR 43 OR 44 OR 45 OR 46 OR 47 OR 48 OR 49 OR 50 OR 51 OR 52 OR 53 OR 54 OR 55 OR 56 OR 57 OR 58) 1842472
60 Medline (39 AND 59) 1825

Searches conducted on XX/XX/20XX using NICE’s HDAS interface.”
Evidence Searching for Teaching/Presentation

Request received via email:

“I’ve been asked to find out the following for my presentation to the PEC [patient experience committee].

1. What are the regulatory bodies recommending trusts do about Patient Experience/Engagement - I think that could possibly be wider than just the regulatory bodies - so recommendations from other organisations too.

2. What are other trusts doing about including Patient Engagement/Experience in their training and education offers.

Would you be able to do this for me? I would like it fairly soon - at least part 1.
Thanks”

Response from librarian:

“Dear …,

Please find attached the results of your requested search on: “What are the regulatory bodies recommending trusts do about Patient Experience/Engagement...”

From the attached reports you can view the full text of the articles relevant to you by clicking on the blue links to download them using your OpenAthens login details. If you do not currently have an OpenAthens account you can register for one using your NHS email address at: https://openathens.nice.org.uk/. You will be sent an email to set your own password.

The articles we do not have direct access to will have to be ordered through our inter-library loans service which may take a few days to arrive. To make article requests you will need to fill out the journal requests form on the Knowledge library services web page at: http://bartshealth-nhs.libsurveys.com/Barts-Health-NHS-Trust-Knowledge-and-Library-Services-Article-Request-Form

We aim to improve our services in line with your comments. If you could please take a moment to complete our online feedback form here we would be very grateful. Could we also contact you to hear how the search impacted your decision making, for a case study please?

Look forward to hearing from you…”

Report compiled by librarian:

https://drive.google.com/open?id=1F_jkEGrfn8iw4gauMz9DsaRGxVYrv5RU
Templates-for/Examples-of email correspondence

When you are not finding anything and are considering widening the search’s focus:

“Dear …,

I am currently conducting the evidence search you requested on cancellations in nasal fracture surgery, and have not been able to find any papers matching the specifications you gave. Does this sound about right? If you know of any papers which match what you are looking for please let me know and I can use them to base the search around. Or alternatively we might have to broaden the search criteria out a bit, perhaps to other types of surgery which examine the effects of cancellations more generally.

Please do let me know how you wish to proceed.

Best wishes, “

When you are not finding too much and are considering narrowing the search’s focus:

“Dear …,

I am currently conducting the evidence search you requested on “frailty and cardiac surgery”, and I’m finding a lot of papers (several hundred). Would you like me to limit the search to retrieve only review articles and other secondary evidence, in order to make the yield more manageable?

Alternatively would you like to me narrow the search criteria to a particular facet of frailty and cardiac surgery, like morbidity/mortality?

Are you interested in a particular population age (i.e., frail elderly)? Would you like to add a date range and/or geographic limit to the search (i.e., UK-based studies from the last 10 years)?

If you would like to keep the search as broad as possible then let me know and I will continue on, populating a Mendeley library with your results.

Please do let me know how you wish to proceed.

Best wishes, “
This work, *The London, Kent, Surrey, Sussex Regional Searching Guidance*, attributable to The Regional Searching Guidance Working Group (2020), is licensed under the Creative Commons Attribution-NonCommercial 4.0 International License. To view a copy of this license, visit [http://creativecommons.org/licenses/by-nc/4.0/](http://creativecommons.org/licenses/by-nc/4.0/).

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