

Data Protection Impact Assessment for the National Paediatric Diabetes Audit

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Screening questions

Please complete the following checklist:

	Section	Yes or No	N/A	Comments
1.	Does your project involve any automated decision making, evaluation or scoring including profiling and predicting using information about a person? Does the outcome from your project decide who gets access to services?	N		
2	Does your project involve any sensitive information or information of a highly personal nature?	Υ		
3.	Does the proposal involve any data concerning vulnerable individuals who may be unable to easily consent or oppose the processing, or exercise their rights? This group may include children, employees, mentally ill persons, asylum seekers, or the elderly, patients and cases where there is an imbalance in the relationship between the position of the individual and the controller.	Υ		
4.	Does your project involve any innovative use or applying new technological or organisational solutions? This could include biometric or genetic data, the tracking of individuals' location or behaviour?	N		
5.	Does your project match data or combine datasets from different sources?	N		Historically we have linked data to HES and PEDW data provided by NHS Digital and the NHS Wales Infomatics Service (previous PIA v3.8). There are no further plans for this or other linkage by the NPDA team.
6.	Does your project collect personal data from a source other than the individual without providing them with a privacy notice ('invisible processing')?	N		

7.	Does your project process data that might endanger the individual's physical health or safety in the event of a security breach?	N	
8.	Is this a new project? Or have the requirements for your project changed since its initiation? Are you sharing new information or linking to new datasets that were not part of the original project specification. Have you added any new audit streams to your project?	N	

Data Protection Impact Assessment

This Data Protection Impact Assessment (DPIA) template and guide is a tool which can help organisations identify the most effective way to comply with their data protection obligations and meet individuals' expectations of privacy. This tool will help organisations which process personal data to properly consider and address the privacy risk that this entails.

DPIA can be used alongside existing project management and risk management methodologies.

Conducting a DPIA is now a legal requirement under the <u>GDPR</u> (General Data Protection Regulation) which will start on the 25th May 2018 and the new UK Data Protection Act. By completing a DPIA, this will help to ensure that your project is compliant with GDPR and UK data protection legislation. This document will be updated if further ICO guidance is published or there is change in legislation

A DPIA is the basis of a "privacy by design" approach, to help meet privacy and data protection expectations of customers, employees and other stakeholders. A DPIA is intended to be prospective and proactive and should act as an early warning system by considering privacy and compliance risks in the initial design and throughout the project.

Purpose and benefits of completing a DPIA

- A DPIA is a process which assists organisations in identifying and minimising the privacy risks of new projects or policies.
- Conducting a DPIA involves working with people within the organisation, with partner organisations and with the people affected to identify and reduce privacy risks.
- The DPIA will help determine the appropriate controls needed to protect personal data i.e. technical, procedural and physical.
- The DPIA will help to ensure that potential problems are identified at an early stage, when addressing them will often be simpler and less costly.
- Conducting a DPIA should benefit organisations by producing better policies and systems and improving the relationship between organisations and individuals.
- The ICO may often ask an organisation whether they have carried out a DPIA. It is often the most effective
 way to demonstrate to the ICO how personal data processing complies with Data Protection legislation.

Supplementary guidance

- Data Protection Impact Assessment under GDPR guidance
- ICO's conducting privacy impact assessments code of practice
- The <u>ICO's Anonymisation</u>: managing data protection risk code of practice may help organisations to identify privacy risks associated with the use of anonymised personal data.
- The <u>ICO's Data sharing code of practice</u> may help organisations to identify privacy risks associated with sharing personal data with other organisations.
- The <u>ICO's codes of practice on privacy notices</u>, as well as other more specific guidance, will also help an organisation to focus DPIAs on those issues.
- The Government Data Programme has developed a <u>Data Science Ethical Framework</u> to help organisations understand the benefits and risks of using personal data when developing policy. The Framework can be used as part of the process to help you describe information flows and identify privacy risks and solutions.

DPIA methodology and project information.

At what stage in the project did you conduct this DPIA? E.g. planning stage, changes to the existing project, in retrospect.

Retrospectively

Describe the overall aim of the project and the data processing you carry out

The report aims to address a series of questions relating to paediatric diabetes care, which include:

- What proportion of children and young people with diabetes are reported to be receiving key age-specific processes of diabetes care, as recommended by NICE?
- How many achieve outcome measures within specified treatment targets?
- Are children and young people with diabetes demonstrating evidence of small vessel disease (microvascular) and/or abnormal risk factors associated with large vessel disease (macrovascular) prior to transition into adult services?

DPIA Consultation

We advise you to consult with as many relevant people as possible (both internal and external stakeholders) while conducting this assessment, consultation is an important part of a DPIA and allows people to highlight privacy risks and solutions based on their own area of interest or expertise. Consultation can take place at any point in the DPIA process and may include the project management team, Data Protection Officer, designers, IT provider, procurement team, data processors, communications team, patients, stakeholders, corporate governance and compliance teams, researchers, analysts, statisticians and senior management.

You must consult with the Data Protection Officer regarding the impacts on privacy. Please state below that you have.

If you decide against seeking the views of data subjects or their representatives e.g. this would be disproportionate or impracticable, then the justification must be made clear in the box below.

In the box below name the stakeholder group, date consulted and how consulted. Please insert another box if you consulted with many different stakeholder groups.

The privacy leaflet has been developed with the RCPCH Data Protection Officer June 2023). This updates the previous privacy notice, with minor edits.

Publishing your DPIA report

Publishing a DPIA report is not a legal requirement but you should consider publishing this report (or a summary or a conclusion) and you should send it to your stakeholders. Publishing the DPIA report will improve transparency and accountability, and lets individuals know more about how your project affects them. Though there may be a need to redact/remove sensitive elements e.g. information on security measures.

State in the box below if you are going to publish your DPIA. If so, please provide hyperlink to the relevant webpage if this has been done already or insert the date you intend to publish it.

We will publish this on the NPDA webpages.	

Data Information Flows

Please describe how personal information is collected, stored, used and deleted. Use your data flow map and information asset register to help complete this section. Explain what personal information is used, what it is used for, who it is obtained from and disclosed to, who will have access and any other necessary information. Completing this section can help identify potential 'function creep', unforeseen or unintended uses of the data for example data sharing.

Processing activity description	Type of data involved	Data flow	Controller/processor
Submission of NPDA dataset by paediatric diabetes units	Personal data (identifiable)	From paediatric diabetes units to the data platform's secure server Occasional submission by units outside of submission window via RCPCH cloud servers	Data controllers: Paediatric diabetes units Processor: NPDA Subprocessors: Data Platform Provider, third party storage providers
Download and validation of NPDA data extracted from submission platform	Personal data (identifiable)	From the data platform provider's secure server to RCPCH servers	Joint Controllers: HQIP and NHS England Processor: NPDA Subprocessors: third party storage providers
Data cleaning and preparation of data for analysis-	Pseudonymised	-	Joint Controllers: HQIP and NHS England Processor: NPDA
Production of unit/regional network, NHSE region, ICS national level results	Aggregated	-	Joint Controllers: HQIP and NHS England Processor: NPDA
Submission of service level data including some patient characteristics	Aggregated	-	Joint Controllers: HQIP and NHS England Processor: NPDA
Cleaning, analysis, and reporting of spotlight audit data	Aggregated (spotlight audit collects unit level data only)	-	Joint Controllers: HQIP and NHS England Processor: NPDA
Parent and patients submit views on care via online PREM surveys	Anonymised	Parents and Patients to online submission portal: SurveyMonkey Enterprise managed by RCPCH	Data sub processor: SurveyMonkey Data processor: NPDA Joint Controllers: HQIP and NHS England
Cleaning and analysis of PREM data	Anonymised (No personal data is collected within the PREMs and any identifying comments made will be redacted as part of the cleaning process.	-	Joint Controllers: HQIP and NHS England Processor: NPDA Sub processor: translation company (TBC)
Reporting of PREM data at unit/regional/national level.	Aggregated	-	Controller: Joint Controllers: HQIP and NHS England Processor: NPDA

Please see NPDA data flow map

Transferring personal data outside the UK

If personal data is being transferred outside of the UK, describe how the data will be adequately protected (e.g. the recipient is in a country which is listed on the Information Commissioner's list of "approved" countries, or how the data is adequately protected).

Personal data shall not be transferred to a country or territory outside the UK unless there is agreement with HQIP. Pseudonymised data may be shared outside the UK if that country or territory ensures an adequate level of protection for the rights and freedoms of data subjects in relation to the processing of personal data and in line with article V of GDPR.

Justification for collecting personal data

Personal data must be adequate, relevant and limited to what is necessary in relation to the purposes for which those data are processed. In certain circumstances it may be unlawful to process information not described in the transparency information (privacy notice/fair processing material) which informs individuals how their personal data is being used.

It may not be necessary to process certain data items to achieve the purpose. They may be irrelevant or excessive leading to risk of non-compliance with the Data Protection Act.

In the tables below list and justify personal data items needed to achieve the lawful aim of a project that requires information on individuals and their personal characteristics. Insert as many more lines that you need. Work through the table of items and decide whether or not you should be collecting the information, examine each data field and decide if you need it.

There are two sections in the table below, one for personal data and one for personal sensitive data items.

Data Categories [Information relating to the individual's]	Is this field used?	N/A	Justifications [there must be justification for collecting the data items. Consider which items you could remove, without compromising the needs of the project]	
Personal Data				
Name	N			
NHS number	Υ		In order to track patient through audit years and to enable linkage with NHS digital datasets	
Address	N			
Postcode	Y		Used to derive LSOA and deprivation information to track outcome inequalities.	
Date of birth	Υ		To calculate age and eligibility for inclusion in some age-based analyses.	

Data Categories [Information relating to the individual's]	Is this field used?	N/A	Justifications [there must be justification for collecting the data items. Consider which items you could remove, without compromising the needs of the project]	
Date of death	Υ		To remove these patients from certain denominators.	
Age	N		Derived from birth date.	
Sex	Y		Used to identify risk factor, risk adjustment.	
Marital Status	N			
Gender	Υ		For risk adjustment, and monitoring of inequality in outcomes.	
Living Habits	N			
Professional Training / Awards	N			
Income / Financial / Tax Situation	N			
Email Address	N			
Physical Description	N			
General Identifier e.g. Hospital No	Υ		Used to ascribe outcomes	
Home Phone Number	N			
Online Identifier e.g. IP Address/Event Logs	N			
Website Cookies	N			
Mobile Phone / Device No	N			
Device Mobile Phone / Device IMEI No	N			
Location Data (Travel / GPS / GSM Data)	N			
Device MAC Address (Wireless Network Interface)	N			
Sensitive Personal Data				
Physical / Mental Health or Condition	Y		Microvascular/ macrovascular disease indicators to monitor diabetes outcomes, indicators of coeliac and thyroid disease to monitor prevalence of comorbidities, and indication of comorbid psychological distress.	
Sexual Life / Orientation	N			
Family / Lifestyle / Social Circumstance	Υ		Smoking status as an additional risk factor for CVD.	
Offences Committed / Alleged to have Committed	N			
Criminal Proceedings / Outcomes / Sentence	N			

Data Categories [Information relating to the individual's]	Is this field used?	N/A	Justifications [there must be justification for collecting the data items. Consider which items you could remove, without compromising the needs of the project]
Education / Professional Training	N		
Employment / Career History	N		
Financial Affairs	N		
Religion or Other Beliefs	N		
Trade Union membership	N		
Racial / Ethnic Origin	Υ		Used to identify risk factors, risk adjustment, monitor inequality of care/outcomes.
Biometric Data (Fingerprints / Facial Recognition)	N		
Genetic Data	N		

Data quality standards for personal data

In the box below, describe how you will ensure that personal data is accurate and kept up to date.

Patient characteristics of patients submitted to the audit are reflected back to the submitter in the form of a data quality and data completeness report after each submission so that their accuracy can be scrutinised. Clinical leads are also obliged to sign a form at the end of submission confirming that they have reviewed its accuracy.

Individual's rights

If your project uses personal data you must complete this section.

If your project uses personal data you must state how fairness and transparency will be achieved e.g. privacy notices on websites, posters, and leaflets. The information must be provided in a concise, transparent, intelligible and easily accessible form, using clear and plain language. Any information provided to children should be in such a clear and plain language that the child / vulnerable person can easily understand.

In the box below, please define the way you have ensured that individuals are aware of the rights, if they request those rights how will they achieve them? For example if an individual requests a copy of their information held by you, describe how you would do this. You can insert any relevant policy or process guides in the appendix at the end of this document if they are not already available on your website. This section does not refer to the personal information held about your audit staff.

Individuals rights (where relevant)	Describe how you ensure individuals are aware of these rights	Describe how you would do this	Please copy and paste section of document that states the individuals rights
Individuals are clear about how their personal data is being used.	Included in the public information leaflet and lay summary report, and clinic poster	Published on our website, distributed electronically to PDUs.	N/A
Individuals can access information held about them	Included in the privacy notice published online.	Individuals can request this directly from units. If we receive a request we will forward to the appropriate unit and we can provide details of the categories we collect. The trust is the data controller of the patient record and provide information to us from his. We cannot respond to requests as we do not have the necessary information to verify ID and guardianship or to deal with any safeguarding concerns. There is College guidance on how to deal specifically with clinical audit rights requests.	Right of Access: The personal data we hold about you is provided by your unit. We can let you know which categories of data we collect but you will need to contact your unit directly for a copy of your personal data as they are data controllers of your patient record.
Request erasure (right to be forgotten) in certain circumstances, making clear that it does not apply to an individual's health or care	Included in the public information leaflet.	We do not have a legal obligation to provide this as the legal grounds for processing are that processing of the data is necessary in the public	Right to Erasure and Right to Object: The right of erasure does not apply to this audit because your data is being processed for the purposes of performing a task in the

Individuals rights (where relevant)	Describe how you ensure individuals are aware of these rights	Describe how you would do this	Please copy and paste section of document that states the individuals rights
record, or for public health or scientific research purposes		interest in relation to ensuring a high quality standard of healthcare. However, we do give individuals the option to opt out, which they can request through their units. If we receive a request, we will remove identifiers from our database so the individual will no longer be identifiable	public interest, which in this case is for ensuring high standards of quality and safety health care. However, if you want to opt out of future audit rounds, please let your unit know and they will remove you from the submission. Alternatively, you can contact the NPDA project team: NPDA@rcph.ac.uk and we will ensure that your personal identifiers are removed from our database.
Rectification of inaccurate information	Included in the public information leaflet.	We are not the data controllers of this data. As this information is provided by the trust who is the data controller, we do not have any means to verify the accuracy of the data, we rely on the data controller to inform us of any inaccuracies. The unit is therefore responsible for assuring the accuracy of the data before submission and is given the tools to be able to do this. We forward any requests to the unit.	Right to Rectification: Any requests to amend or update your personal data should be sent to your unit. If we receive any requests, we will forward these to the unit.
Restriction of some processing	Included in the public information leaflet.	The trusts will receive any right to rectification requests and therefore will inform us if there are any restrictions on processing. As we are not data controllers, we do not have the authority to make decisions about the restriction of processing if the data should already have been deleted. We do not have the relevant information to undertake	Right to Restriction: Any requests for restriction of processing should be sent to your Trust and they will inform us where applicable.

Individuals rights (where relevant)	Describe how you ensure individuals are aware of these rights	Describe how you would do this	Please copy and paste section of document that states the individuals rights
		guardianship/safeguarding or ID checks.	
Object to processing undertaken on some legal bases	Included in the public information leaflet.	We give individuals the option to opt out, which they can request through their units. If we receive a request, we will remove identifiers from our database so the individual will no longer be identifiable and included in the audit going forward.	Right to Erasure and Right to Object: The right of erasure does not apply to this audit because your data is being processed for the purposes of performing a task in the public interest, which in this case is for ensuring high standards of quality and safety health care. However, if you want to opt out of future audit rounds, please let your unit know and they will remove you from the submission. Alternatively, you can contact the NPDA project team: NPDA@rcpch.ac.uk and we will ensure that your personal identifiers are removed from our database.
Complain to the Information Commissioner's Office;	Included in the public information leaflet.	Published on our website, distributed electronically to PDUSs. Individual can contact the ICO directly with a complaint via the email provided on our privacy notice to them.	You do also have the right to lodge a complaint with the Information Commissioner's Office (ICO) at casework@ico.org.uk if you have concerns about the way your/ your child's personal data are being handled.
Withdraw consent at any time (if processing is based on consent)	Not applicable. Section 251 approval is in place for the core audit and PREM data is submitted anonymously. Our legal basis for processing is necessary for performing a public task in the public interest in regards to ensuring a high quality of healthcare.	Not applicable.	Not applicable.
Data <u>portability</u> (if relevant)	Not applicable.	Not applicable. Data is not collected directly from the data subject, part of a	Not applicable.

Individuals rights (where relevant)	Describe how you ensure individuals are aware of these rights	Describe how you would do this	Please copy and paste section of document that states the individuals rights		
		contract or based on consent.			
Individual knows the identity and contact details of the data controller and the data controllers data protection officer	Included in the public information leaflet.	Published on our website, distributed electronically to PDUs.	NHS England and HQIP are the joint data controllers of this audit. HQIP can also be contacted if you have any questions or concerns how your information is being used for the audit: data.protection@hqip.org.uk		
	Included in the public information leaflet.	Published on our website, distributed electronically to PDUs.	The data collected are held on secure servers which meets all data protection legislative requirements and is hosted within the EU.		
In which countries the data controller is processing their personal data. For data transfers outside the EU, a description of how the data will protected (e.g. the recipient is in an 'adequate' country / how a copy of the safeguards can be obtained.			Data will only ever be shared in a pseudonymised format (unless the requesting institution has its own legal basis for holding patient identifiable data) and only with the approval of HQIP. For HQIP to approve the request, the requestor must be able to demonstrate compliance with stringent data protection policies and arrangements and the aims of the research must be approved, as per HQIP's guidance to applicants. Personal data shall not be transferred to a country or territory outside the EEA. Pseudonymised or summary data may be shared outside of the EEA as per the guidance referred to.		
To know the <u>legal basis</u> under which their information is processed. Is there a clear legal basis for the processing of personal data? If so, what is the legal basis?	Included in the public information leaflet.	Published on our website, distributed electronically to PDUs. We are processing under schedule 6(e) and schedule 9(i) of GDPR	The NPDA has section 251 approval to collect patient identifiable data without explicit patient consent as its aims are considered to be in the public interest, as the audit will help improve standards of paediatric diabetes care. To find out more about section 251		

Individuals rights (where relevant)	Describe how you ensure individuals are aware of these rights	Describe how you would do this	Please copy and paste section of document that states the individuals rights	
			approval, visit the Health Research Authority website.	
To know the purpose(s) for the processing of their information.	Included in the public information leaflet.	Published on our website, distributed electronically to PDUs. The purpose has been identified on the Section 251 application.	The purpose of the audit is to monitor the number of different types of diabetes amongst children and young people on a national level and monitor and compare the quality of care received and outcomes achieved by children and young people receiving care from different paediatric diabetes units and regions.	
Whether the provision of personal data is part of a statutory obligation and possible consequences of failing to provide the personal data.	Not applicable	Not applicable- there is no statutory obligation for parents/patients to provide data to the NPDA.	Not applicable	
The source of the data (where the data were not collected from the data subject)	Included in the public information leaflet.	Published on our website, distributed electronically to PDUs. Data is supplied by hospital clinical units, and by patients and patients themselves in the case of the PREMS	To carry out this audit on behalf of HQIP, RCPCH is collecting patient data submitted by paediatric diabetes units (PDUs) relating to completion of recommended health checks performed for the children and young people receiving care from their service, as well as the results of these health checks. The full dataset collected can be viewed here.	
information leaflet.		Published on our website, distributed electronically to PDUs.	To carry out this audit on behalf of HQIP and NHS England (the joint data controllers), RCPCH (the data processor) is collecting patient data submitted by paediatric diabetes units (PDUs) relating to completion of	

Individuals rights (where relevant)	Describe how you ensure individuals are aware of these rights	Describe how you would do this	Please copy and paste section of document that states the individuals rights
			recommended health checks performed for the children and young people receiving care from their service, as well as the results of these health checks. We are also collecting information directly from parents and patients on their experiences of care via our PREM surveys.
Recipients or categories of recipients	Included in the public information leaflet.	Pseudonymise data when sharing and only do so where approved by HQIP and have legal grounds to do so. When sharing this is done in a secure way. We only share where we have a legal basis to share.	Data may be shared with third parties for the purposes of service evaluation or quality improvement by external academic researchers. Data will only ever be shared in a pseudonymised format (unless the requesting institution has its own legal basis for holding patient identifiable data) and only with the approval of HQIP. For HQIP to approve the request, the requestor must be able to demonstrate compliance with stringent data protection policies and arrangements and the aims of the research must be approved, as per HQIP's guidance to applicants. Personal data shall not be transferred to a country or territory outside the EEA. Pseudonymised or summary data may be shared outside of the EEA as per HQIP guidance. The NPDA also collaborates with the National Diabetes Audit managed by NHS Digital to produce audits of young adult care. This initiative, and the production of the admissions report using HES and PEDW data, involves the flow of patient identifiable data to trusted third party organisations (NHS Digital and NWIS) for linkage with their

Individuals rights (where relevant)	Describe how you ensure individuals are aware of these	Describe how you would do this	Please copy and paste section of document that states the individuals rights
·	rights		
			datasets. An annual audit report is published which is available publicly via our website and via data.gov.uk. All data is reported at the level of individual paediatric diabetes units so that no patient identifiable data will ever be published. Privacy information relating to this audit is available from NHS Digital. • Article 6 (1) (e) processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the controller. This is justified through commissioning arrangements which link back to NHS England and the Welsh Government. • Article 9 (2) (i) processing is necessary for reasons of public interest in the area of public health, such as protecting against serious cross-border threats to health or ensuring high standards of quality and safety of health care and of medicinal products or medical devices, on the basis of Union or Member State law which provides for suitable and specific measures to safeguard the rights and freedoms of the data subject, in particular professional secrecy. This is justified as the NPDA aims to drive improvements in the quality and safety of care and to improve outcomes for patients. The NPDA has also shared data with NHS England to investigate the role of COVID-19 infection and Type 1 Diabetes in children,
			adolescents and young adults under Regulation 3(4) of the

Individuals rights (where relevant)	Describe how you ensure individuals are aware of these rights	Describe how you would do this	Please copy and paste section of document that states the individuals rights
			Health Service Control of Patient Information Regulations 2002. More information about the legislation is available here.)
The source of the personal data	Included in the public information leaflet.	Published on our website, distributed electronically to PDUs.	To carry out this audit on behalf of HQIP and NHS England, the joint data controllers, RCPCH is collecting patient data submitted by paediatric diabetes units (PDUs) relating to completion of recommended health checks performed for the children and young people receiving care from their service, as well as the results of these health checks
To know the period for which their data will be stored (or the criteria used to determine that period)	Included in the public information leaflet.	Published on our website, distributed electronically to PDUs. We will contact HQIP (data controllers of the audit data) at the end of the contract to find out what their written instructions are in relation to the data and follow their written instruction including deletion or return of any duplications and copies.	The NPDA team at the RCPCH acts as the data processor on behalf of HQIP and NHS England, who are the data controllers for the NPDA data. The RCPCH will hold the NPDA data for as long as it is contracted to deliver the NPDA. All data will be deleted or transferred back to HQIP within two weeks of the end of our contract.
The existence of, and an explanation of the logic involved in, any automated processing that has a significant effect on data subjects (if applicable)	Not applicable.	Not applicable.	Not applicable.

Privacy Risks

Types of Privacy risks

- Risks affecting individuals or other third parties, for example; misuse or overuse of their personal data, loss
 of anonymity, intrusion into private life through monitoring activities, lack of transparency.
- Compliance risks e.g. breach of the GDPR
- Corporate risks (to the organisation), for example; failure of the project and associated costs, legal penalties or claims, damage to reputation, loss of trust of patients or the public.

Risks affecting individuals

Patients have an expectation that their privacy and confidentiality will be respected at all times, during their care and beyond. It is essential that the impact of the collection, use and disclosure of any patient information is considered in regards to the individual's privacy.

In the box below insert the number of individuals likely to be affected by the project. This could be the number of unique patient records your project holds now and how many more records you anticipate receiving each year.

Each year, the NPDA includes information about approximately 31,000 children and young people with diabetes. There is likely to be a small increase on this number each year.

Please complete the table below with all the potential risks to the Individuals of the information you hold on them, your corporate risks and compliance risks.

When completing the table you need to consider if:

- Inadequate disclosure controls increase the likelihood of information being shared inappropriately.
- The context in which information is used or disclosed can change over time, leading to it being used for different purposes without people's knowledge.
- Measures taken against individuals as a result of collecting information about them might be seen as intrusive.
- The sharing and merging of datasets can allow organisations to collect a much wider set of information than individuals might expect.
- Identifiers might be collected and linked which prevent people from using a service anonymously.
- Vulnerable people may be particularly concerned about the risks of identification or the disclosure of information.
- Collecting information and linking identifiers might mean that an organisation is no longer using information which is safely anonymised.
- Information which is collected and stored unnecessarily, or is not properly managed so that duplicate records are created, presents a greater security risk.
- If a retention period is not established information might be used for longer than necessary.

Corporate and compliance risks

In the table, list the corporate risks to your organisation which could include reputational damage, loss of public trust, financial costs and data breaches. Below these, insert any compliance risks.

Possible corporate risks include:

- Non-compliance with the DPA or other legislation can lead to sanctions, fines and reputational damage.
- Problems which are only identified after the project has launched are more likely to require expensive fixes.

- The use of biometric information or potentially intrusive tracking technologies may cause increased concern and cause people to avoid engaging with the organisation.
- Information which is collected and stored unnecessarily, or is not properly managed so that duplicate records are created, is less useful to the business.
- Public distrust about how information is used can damage an organisation's reputation and lead to loss of business.
- Data losses which damage individuals could lead to claims for compensation.

Examples of compliance risks include:

- Non-compliance with the common law duty of confidentiality
- Non-compliance with the GDPR.
- Non-compliance with the Privacy and Electronic Communications Regulations (PECR).
- Non-compliance with sector specific legislation or standards.
- Non-compliance with human rights legislation.

Managing Privacy and Related risks

There are many different steps you can take to reduce a privacy risk. For example

- Devising retention periods which only keep information for as long as necessary and planning secure destruction of information.
- Implementing appropriate technological security measures.
- Ensuring that staff are properly trained and are aware of potential privacy risks.
- Developing ways to safely anonymise the information when it is possible to do so.
- Producing guidance for staff on how to use new systems and how to share data if appropriate.
- Using systems which allow individuals to access their information more easily and make it simpler to respond to subject access requests.
- Taking steps to ensure that individuals are fully aware of how their information is used and can contact the organisation for assistance if necessary.
- Selecting data processors that will provide a greater degree of security and ensuring that agreements are in place to protect the information which is processed on an organisation's behalf.
- Producing data sharing agreements which make clear what information will be shared, how it will be shared and who it will be shared with.

Use your project plan and a detailed explanation of information flows to identify more precisely how a general risk may occur. For example, there may be particular points in a process where accidental disclosure is more likely to happen.

The DPIA actions should be added to into your project plan and risks added to your contract review documentation.

Privacy Risks and Actions Table

Please see appendix 2 for additional guidance on completing this table

What are the potential risks to the individuals whose personal data you hold?	Likelihood of this happening 1 Very unlikely 2 Unlikely 3 Possible 4 Likely 5 Very Likely (See guidance below for definition))	Impact 1 -Insignificant 2-Minor 3-Moderate 4-Major 5-Catastrophic (See guidance below for definition)	Overall risk score (likelihood x impact = score)	Will risk be accepted, reduced or eliminated?	Mitigating action to reduce or eliminate each risk OR Where risk is accepted give justification.	Explain how this action eliminates or reduces the risk	Expected completion date	Responsibl e owner
	1	5	5	Reduced	The NPDA data capture system will have regular	Adequate technical measures have		Data Capture
					database backups which	been put in place		Platform
					are carried out	to reduce the risk		Provider
					as per planned schedules	of a security		
					agreed with the system	incident by		NPDA
					developers. These back-	balancing the type		Project
					ups will be stored	of data being		Team
					securely at an alternate	processed against		
					site which conform to full	the technical		
					Information Security and Network Security	solutions available. If there is an		
					Policies.	incident, staff have		
					r olicies.	received		
					Patient identifiable	appropriate		
					information that is	training and there		
					entered onto the NPDA	is an appropriate		
					data platform is stored	procedure in place		
					on a secure server.	to contain the risk.		
						By raising data		
Illegitimate access, undesired					Authorised hospital staff	protection		
modification and					are able to view or access	awareness		
disappearance of data					data entered by their	amongst unit staff,		

	own team. Data downloaded by hospital staff is encrypted and password protected. A prompt reminding hospital staff that data extracts contain patient identifiable data has been added to the page, reminding the staff member that they are responsible for ensuring data are downloaded to a secure location.	this reduces the risk of an incident occurring.
	Only authorised employees will have access to the servers.	
	The data centre storage is ISO 27001 certified.	
	We have checked that the data platform provider has appropriate information security policies and procedures in place for dealing with information security and security breaches.	
	All patient identifiable data retained within the system will be encrypted to AES 256-bit standards.	

Any downloads of data to college servers will be done by authorised staff and saved in restricted folders, restricted to NPDA staff and system administrators. Before analysis data is pseudonymised with the key saved separately.	
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administrators. Before analysis data is pseudonymised with the	
analysis data is pseudonymised with the	
pseudonymised with the	
kev saved separately.	
Individual logs ins and	
passwords are used for	
administrators of the	
data collection platform.	
The management of the	
NPDA data on the RCPCH	
servers will conform to	
the Access Controls set	
out within the RCPCH	
Information Security	
Policy and Data	
Protection and	
Confidentiality Policy.	
All staff handling	
identifiable data will	
undertake mandatory	
training on Data	
Protection and	
Information security, and	
may be asked to	
complete advanced	
training.	

Duplicated copies of the same information stored in two different places	2	2	4	Reduced	The RCPCH NPDA Project Team have a data cleaning and validation procedure in place to manage this and will review the validation procedure on a regular basis. The main copies are kept on RCPCH servers and copies are also retained on the data collection platform for data completeness reports generated by the data entered can be viewed for previous years.	Raw data is held on the data collection platform server to enable production of data completion reports for the benefit of audit participants. The RCPCH holds a copy of this raw data, and creates a masterfile for analysis for subsequent cleaning (including removal of duplicate rows of data), validation, and analysis.	June 2018	NPDA Project Team Data Capture Platform Provider
Inadequate data sharing agreements in place when sharing information	2	3	6	Eliminated	HQIP data access request process is adhered to. The RCPCH NPDA project team will have informed subjects about possible data linkage via the project privacy notice.	To ensure that the DSA is fit for purpose and to obtain approval from HQIP as the Data Controller via its Data Access Request Group (DARG).	As and when necessar y	NPDA Project Team/ RCPCH DPO/HQI P DARG
Inappropriate security on the system holding the data, including data being stored outside the EU.	1	5	5	Reduced	It is necessary to collect and download identifiable information since we need to be able	Reduces risk of data breach.	Already in place	Data Capture Platform Provider/

	to link NPDA data to the NDA dataset using NHS number and date of birth. We also need to be able to track the same patients across audit years using the same pseudocodes applied to each unique NHS number in each year. This ensures we maximise the potential for the data to be used in research.	NPDA Project Team
	Patient identifiable information that is entered onto the NPDA data platform is stored on secure servers held by the data capture platform provider.	
	Only authorised employees have access to this server.	
	The servers are in the UK and there are contractual requirements with the data capture platform provider to inform RCPCH if the servers are moved.	

The server provider is ISO 27001 certified.
All patient identifiable data retained within the system will be encrypted to AES 256-bit standards.
Any downloads of data to college servers will be done by authorised staff and saved in restricted folders, restricted to NPDA staff and system administrators. Before
analysis data is pseudonymised with the key saved separately. Individual logs ins and
passwords are used for administrators of the data collection platform.
The management of the NPDA data on the RCPCH servers will conform to the Access Controls set out within the RCPCH Information Security Policy and Data
Protection and Confidentiality Policy. All staff handling identifiable data will

					undertake mandatory training on Data Protection and Information security, and may be asked to complete advanced training. NPDA does not store data outside of the EU. However, we may send this internationally for research subject to approval from HQIP as per their data access request process.			
Data collection seen as intrusive by individuals due to the opt out rather than consent approach.	2	2	4	Reduced	NPDA has an exemption from applying the national opt out which is explained in the privacy notice. The privacy notice also provides information to patient/carers on how they can still specifically opt out of their data being used in the audit.	Communicates the purpose and legal basis for processing data.	June 2023	NPDA Project Team
System for opt out is not robust enough	2	3	6	Reduced	All clinical leads sign a form confirming that no data have been submitted to the audit from patients wishing to opt out. The NPDA fair processing materials and	The process ensures that patients and parents have a clear and effective way of exercising their right to opt	June 2023	NPDA project team

	privacy notices comply	out of participation
	with GDPR requirements	in the audit, or to
	in relation to fair and	restrict processing
	lawful processing and	of their data.
	have been reviewed and	
	approved by the RCPCH	
	Head of Information	
	Governance. The	
	submitters are provided	
	with a data	
	quality/completion	
	report after each	
	submission to be able to	
	do accuracy checks and	
	check anyone who	
	should be removed has	
	been removed.	
	been removed.	
	The notices clearly	
	explain to patients and	
	parents the process for	
	notifying their paediatric	
	service directly and/or	
	the RCPCH of any	
	objections to the	
	collection and use of	
	their personal data for	
	the purpose of NPDA.	
	the purpose of NPDA.	
	Patients/parents will also	
	be provided with details	
	on the project privacy	
	notice of their rights	
	under data protection	
	-	
	legislation, including how	
	to opt out. If	

					parents/patients want to opt out, they need to inform their diabetes team, and any opt out requests made directly to the NPDA team will be verified with their diabetes team. We have received an exemption from applying the national data opt out, which is also explained in the privacy notice.			
Future changes to the way data is used or shared. This may include the merger of datasets which may result in a wider dataset than individuals would expect.	2	3	6	Accepted	Processes and guidance will be reviewed on a regular basis and with any change to the project methodology. If we are considering merging datasets, we will first talk to the DPO about the GDPR implications and whether we need to make any changes to the privacy notice, or reconsider our legal grounds for processing. We will also update the DPIA to consider risks etc before any changes are made. Any additional risks or changes will be signed off by the Head of	Ensures timely review of communication and processes if there is a change in the project including updates to the privacy notice if there is a change in purpose.	NA	NPDA Project Team/ RCPCH DPO

					Information Governance			
	2	2	4	Accepted	The retention period of	Ensures regular	NA	NPDA
	_	_	·	•	identifiers is conditional	review if there are	14/1	Project
					on the CAG Section 251	any changes to IG		Team/
					approval.	permissions or		RCPCH
					арріотан	project		DPO
					The data will be retained	methodology. Not		
					for the duration of the	keeping data		
					audit. The current audit	longer than		
					contract with HQIP as the	necessary.		
					commission body and	,		
					data controller is due to			
					run until May 2025. At			
					the end of the contract,			
					we will contact HQIP and			
					ask for their written			
					instruction as to whether			
					the data will be returned			
					or deleted. This will			
					include any copies of			
					data we hold, including			
					those on our servers.			
					Any redundant			
					workspaces will be			
					deleted through the			
					internal IS process.			
					Maria de caralle			
					We do not have a system			
					for reducing the amount			
					of identifiable data			
					within the system where			
					patients have become			
Knowing when the data should					adults or have died as			
be deleted					this would limit the utility			

of this data for longitudinal research.	
Each new csv uploaded to the data capture system throughout the year triggers deletion of previous submissions from same year so that duplicate/inaccurate data not retained.	
Back ups are in place at RCPCH in line with college Policy.	
We do not have a process for de-identifying patient records within the system where	
patients have died or where patients have become adults and no further information has	
been submitted for X number of years since the entire dataset collected is an extremely	
valuable for longitudinal research where patient outcomes can be tracked through their life by	
linkage to other datasets including the NDA via their NHS number.	

Being able to rectify or delete	2	2	4	Accepted	Patients/Parents can inform their clinical team if they don't want their data to be included and participating Health Boards and Trusts can edit and update their own local data on the data platform using their secure login and password protected access. Patients/parents are informed about their rights to rectification and deletion of their data on the privacy notice. Our privacy notice states: "Right to Erasure and Right to Object: The right of erasure does not apply to this audit because your data is being processed for the purposes of performing a task in the public interest, which in this case is for ensuring high standards of quality and safety health care. However, if you want to	By having a process in place, this will ensure that RCPCH are able to answer rights requests in line with legal requirements and on time.	May 2018	NPDA Project Team/ RCPCH DPO/HQI P
the data if requested.					opt out of future audit			

					rounds, please let your unit know and they will remove you from the submission. Alternatively, you can contact the NPDA project team: NPDA@rcph.ac.uk and we will ensure that your personal identifiers are removed from our database".		
Being able to update data regularly	1	2	2	Accepted	Participating Health Boards and Trust can edit and update their own local data on the data platform. Prospective data entry is possible throughout the audit year. Data quality and validation checks are carried out on the data prior to analysis for the national report. Previous years' data are accessible within the data capture system to enable units entering data via questionnaire to	Health Board or Trust NPDA Designated Leads monitor and control the data that is entered into the audit platform and ensure via data quality checking functions that they are up to date with audit timelines and submission deadlines.	NPDA Project Team/ RCPCH DPO

					add data to these			
					patient's records in the			
					new audit year without			
					setting up a new profile			
					for each patient. This			
					feature was added at the			
					request of services who			
					were finding it laborious			
					to re-register patients			
					every year.			
					Copies of information are			
					held by the RCPCH team,			
					for analysis file during			
					the validation and			
					analysis process so that			
					potential errors can be			
					tracked back. Previous			
					iterations of the			
					Masterfile are saved. As			
					part of preparing all			
					NPDA results for entry			
					into an SQL data base,			
					we will delete archived			
					data and retain the			
					pseudonymised raw			
					Masterfile and clean,			
					coded masterfiles for			
					each audit year.			
					2.011 44410 , 6411			
Being able to restrict	2	2	4	Accepted	As per our privacy	Ensure that audit	May	NPDA
processing of the data if					statements, we can	staff know how to	2018	Project
requested.					restrict processing by			Team/

Individuals not adequately informed about their rights and how their data will be				will include all of the information outlined in Articles 6 (1) (e) and 9 (2) (i) of GDPR. The DPO and CYP team will review the notice to ensure it meets GDPR requirements but is also age appropriate (aimed at children aged 13 and above). This will be provided before any data is collected. Privacy notices will be reviewed annually with the College's DPO, and will be updated as applicable.	how their data will be processed and targeting it towards the audience, this will ensure individuals are fully informed about their rights and how their data will be used and are clear about their choice to opt out.	Second draft publishe d Feb 2019 Updated June 2023	CH DPO
used Inadequate safeguards in place when transferring data overseas for the purpose of national outcome research	3	9	Reduced	Consult the DPO before sending any personal data outside of the EEA. We will only send to	By ensuring that adequate safeguards are in place, the	Not decided yet.	NPDA project team/RCP CH DPO

					countries where either they are on the EU Commission approved adequacy list or where we have theUK International Transfer Agreements in place. Data will be minimised, anonymised where possible and pseudonymised. Data that is shared will be sent via encrypted means only. Transfer will only take place where am international transfer assessment has taken place. We will also have an information sharing agreement in place with each organisation that we share the data with if it is pseudonymised or minimised.	information can be securely and legally shared. By minimising the amount of personal data this will reduce the risk.		
Sub-processors processing on behalf of RCPCH do not have appropriate safeguards in place to protect the privacy rights of individuals	3	2	6	Reduced	RCPCH will carry out due diligence checks on all sub-processors before agreeing to contract by asking to see relevant information security and data protection policies or consent mechanisms being use (if applicable). RCPCH will also ensure that any contract with sub-processors includes	This will ensure that only appropriate trustworthy subprocessors will be employed and will have certain legal obligations in relation to data protection under contract	31 May 2018	NPDA project team/ RCPCH DPO

					the article 28 requirements for contracts with processors. We will also ensure that as part of the contract with our sub- processers they are required to inform us if they use any sub- processors.			
Corporate risks & compliance risks section								
TISKS SCCTION				Reduced	It is highly unlikely that a volunteer or an officer would have a reason to access NPDA data. Anyone working at the	They will receive appropriate training and		Data Protectio n Committe
					College with NPDA data	therefore have		e/Inform
Volunteers and Officers not					will have data protection	better data		ation
having appropriate data	1		2		training, including an	protection	Luby 2010	Governan
protection training	1	3	3	Eliminated	MRC e-learning module. To only share	awareness.	July 2019	ce/HR
Sharing information with partners – especially overseas where the same level of					information overseas where absolutely necessary and only the minimum required. Ensure that where one of the countries does not have adequate levels of protection in place, that one of the safeguards set out in article V in GDPR are satisfied or one of the derogations of the	This will ensure that adequate safeguards are in place to allow the		
protection is not offered					general prohibition of	transfer of data		
	1	3	3		transfers apply. Where	where necessary.	Ongoing	All staff

1			1 1		overseas transfer does			
					take place, staff must			
					inform the Head of IG			
				Reduced	Head of IG to regularly			
				neadeca	communicate with the			
					four nations and ensure			
					they are made aware of all internal information			
					governance policies and			
					procedures and received			
					data protection training.			
					Policy and Public Affairs	This will ensure		
					Lead (devolved nations)	staff have the same		
Differing approach across the					sits on DPC and	level of awareness		
four nations					communicates back to	as staff in the		Head of
	1	2	2		nations.	London office	Ongoing	IG
				Accepted	Information Governance			
					has a specific budget and			
					there is one full time			
					permanent member of			
					staff and one full time			
					permanent supporting			
					member of staff. If			
					further resources are	There is an internal		
Lack of resource to manage					required, the Head IG will	process to request		
information governance					submit a proposal to	further resources if		Head of
	1	3	3		SMT.	necessary.	Ongoing	IG /SMT
				Accepted	At the moment we have			
					a relatively low number			
					of SARs at RCPCH. The			
					Head of IG and SIRO will			
					monitor this and, if there			
Overload of SAR's (now that								
					is a significant increase,			
there is no charge)					is a significant increase, look at ways to prioritise			Head of

		additional resources are		
		needed		

Regularly reviewing the DPIA

DPIA should be an ongoing process and regularly reviewed during the lifecycle of the project or programme to ensure

- Risks identified are still relevant
- Actions recommended to mitigate the risks have been implemented and mitigating actions are successful

You must add to your DPIA every time you make changes to the existing projects, send an updated version to your HQIP project manager and ensure that you incorporate any identified risks/issues to your risk/issue registers of the project contract review form.

Appendix 1 Submitting your own version of DPIA

If submitting your own version of DPIA please ensure it includes the following items. If any items are missing please add this to your DPIA and then submit it. You must also complete the <u>screening questions</u> above.

	Checkbox – Please tick	Evidence – Page number and section in your DPIA
Confirmation of advice /consultation sought from Data Protection Officer whilst completing the DPIA		
Name of DPO		
Name and role of person approving completion of DPIA form. This must not be the same person that completes the form.		
Will the DPIA be published or part of it such as the summary or conclusion (not essential but encouraged). If so, where is it published?		
Does it include a systematic description of the proposed processing operation and its purpose?		
Does it include the nature, scope, context and purposes of the processing		
Does it include personal data, recipients and period for which the personal data will be stored are recorded		
Does it include the assets on which personal data rely (hardware, software, networks, people, paper or paper transmission channels)		
Does the DPIA explain how each individual's rights are Managed? See section on individuals rights		
Are safeguards in place surrounding international transfer? See section on sending information outside the EEA		
Was <u>consultation</u> of the document carried out and with whom?		

Organisations ICO registration	
number	
Organisations ICO registration	
expiry date	
Version number of the DPIA	
you are submitting	
Date completed	

Appendix 2 Guidance for completing the table

What are the potential risks to the individuals whose personal data you hold?	See examples above			
	Likelihood score	Description	Example	
	1	Very unlikely	May only occur in exceptional circumstances	
Likelihood of this happening (H,M,L)	2	Unlikely	Could occur at some time but unlikely	
	3	Possible	May occur at some time	
	4	Likely	Will probably occur / re-occur at some point	
	5	Very likely	Almost certain to occur / re-occur	
Impact (H,M,L)	Impact scores	Description	Example	
	1	Insignificant	No financial loss; disruption to day to day work manageable within existing systems, no personal data loss/ no breach of confidentiality	
	2	Minor	Minor (<£100k) financial loss / disruption to systems; procedures require review but manageable; limited slippage in work activity, breach of confidentiality where < 20 records affected or risk assessed as low where data pseudonymised/files encrypted and no sensitive data	
	3	Moderate	Disruption to financial systems (<£250k); significant slippage in work activity or resources e.g. delay in recruiting staff; procedures and protocols require significant review, breach of confidentiality/ loss personal data where < 100 records involved and no sensitive data	
	4	Major	Major financial loss (£500k); large scale disruption to deliverables & project plans; business activity severely undermined, wasting considerable time / resources; poor quality report leading to loss of confidence in provider / HQIP / NHSE, breach of confidentiality/loss of personal sensitive data or up to 1000 records	

	5	Catastrophic	Huge financial loss (>£500k); significant threat to viability of the organisation in total or in part; huge disruption to business activity; almost total lack of confidence in project provider / HQIP / NHSE, serious breach of confidentiality/loss of personal sensitive data >1000 records involved	
Risk score (calculated field)	Please multiply the likelihood by the severity (likelihood x severity = risk score). This score will help to rank the risk so the most severe risks are addressed first			
Will risk be accepted, reduced or eliminated? (where risk is accepted give justification)	A = Accepted (must give rationale/justification) R = Reduced E = Eliminated			
Mitigating action to reduce or eliminate each risk	Insert here any proposed solutions – see managing privacy and related risks section above OR If a risk has been accepted please give justification here (The purpose of the DPIA is to reduce the risk impact to an acceptable level while still allowing a useful project to be implemented.)			
Explain how this action eliminates or reduces the risk	Describe how your proposed action eliminates or reduces the possible risk. You may want to assess the costs/resource requirements (i.e. purchasing additional software to give greater control over data access and retention) and balance these against the benefits, for example the increased assurance against a data breach, and the reduced risk of regulatory action and reputational damage.			
Expected completion date	What is the expected completion date for your proposed action? Ensure that DPIA actions are integrated into the project plan. You should continue to use the PIA throughout the project lifecycle when appropriate. The DPIA should be referred to if the project is reviewed or expanded in the future.			
Action Owner	Who is responsible for this action?			