

NED National Endoscopy
Database

NEDi2

**A guide for endoscopists and
services**

Part of the JAG programme at the RCP

JAG Joint Advisory Group
on GI Endoscopy



**Royal College
of Physicians**

What is the National Endoscopy Database (NED)?

- NED aims to gather comprehensive and reliable data from endoscopic procedures across the United Kingdom
- This information is crucial for quality assurance, service intelligence and evaluation
- NED utilises automated transfer of key data from local endoscopy reporting systems to a national database (NED). The data NED captures is used to produce key performance indicators
- Endoscopists and services can access their performance data in near real-time - for guidance on how to access your data for personal review or appraisal, click the below link and go to 'NED user guide'

<https://nedpilot.thejag.org.uk/Default.aspx?ContentId=ServiceDocumentation>

What governance underpins NED?

- NED is hosted by JAG and the Royal College of Physicians. It is supported by the BSG, AUGIS, ACPGBI and NHS England
- Currently, no patient identifiable information is uploaded to NED
- Caldicott approval is obtained at every NED site. NED is compliant with GDPR requirements
- An endoscopist's GMC or NMC number is used to identify their data
- Endoscopists can only see their personal data. They can see anonymised data for other endoscopists at their site to aid peer comparison
- Service endoscopy leads can see performance data for all endoscopists in their service. To help local endoscopy services, data can be downloaded for JAG visits, GRS reports and 6 monthly performance metric reports

What is changing with NED?

- The current dataset (NEDi1) was created in 2014 to reflect key performance indicators (KPIs) in use at that time. NEDi1 includes data for OGD, flexi sig and colonoscopy only. Limited ERCP data are captured. The KPIs are drawn from published BSG guidance and other national or international recommendations
- The minimum dataset is being updated in 2021-22. NEDi2 will capture data for a wider range of procedures including ERCP, EUS and enteroscopy
- The dataset will support audit and KPI reporting in line with recent BSG and ESGE guidance on quality assurance of upper GI endoscopy, ERCP and EUS. A broader range of colonoscopy metrics is also supported
- The NEDi2 dataset was developed following extensive consultation with the UK endoscopy community and ERS manufacturers

What will change for users?

- Endoscopy reporting systems (ERS) are updating their software to ensure they are compatible with NEDi2. There is a robust testing system in place to check data quality. This testing will only take place at the ERS company's designated pilot site. Additional testing of the JETS system will also take place at the pilot site requiring the input from trainees at that site. ERS are upgraded regularly and it is envisaged that upgrading to become NEDi2 compliant will be integrated with routine upgrades
- Because the NEDi2 dataset is richer, endoscopists may notice additional data requirements in the reporting system. This may add a small amount of time to writing the endoscopy report – it should not be onerous. The additional data points have been kept to a minimum and agreed after consultation with UK endoscopy stakeholders including JAG, BSG, ACPGBI and AUGIS. This is offset by improved quality assurance for endoscopists and services
- Review of data in NEDi1 has shown that some systems have the term 'other' recorded as the indication or diagnosis for up to a third of procedures. This clearly limits the usefulness of these data fields. NEDi2 is set up to minimise the use of the term 'other' as the only indication or diagnosis. Endoscopists will be encouraged to select a term from a picklist for these fields. Additional information can be added in free text or comments fields
- NED is not a reporting system, the information it collects is for service evaluation. Endoscopy reporting systems can record other information out with the NED dataset for local use
- An important cause of endoscopy data not reaching NED is because the endoscopist's GMC or NMC is not present in the upload. It is very important that all endoscopists are registered locally on their service's endoscopy reporting system and their GMC or NMC correctly recorded in the right format. Services should check these records regularly and ensure they are up to date
- In NEDi2, JETS will be automatically populated for trainees. This avoids the need for double entry of data. The overall aim is to contribute to improving endoscopy services for our patients
- Further information can be obtained by emailing askjag@rcp.ac.uk

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