NED National Endoscopy Database

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Trainer and Trainee FAQs

1. What is JETS?

JETS (JAG Endoscopy Training System) is an electronic portfolio where evidence of training in endoscopy may be recorded. Engagement with JETS is a prerequisite for UK endoscopy certification. The role of JETS is as follows:

- To serve as a standardised procedural logbook for all trainees to log their endoscopic experience and demonstrate performance, progression and competencies
- As a portal for accessing JAG-compliant training courses
- To facilitate the formative and summative assessment processes to allow endoscopy certification

2. What is NED?

NED (the National Endoscopy Database) is a JAG-funded informatics project which aims to automatically extract data from individual Endoscopy Reporting Systems (ERS) into a central database. This resource will allow monitoring of key performance indicators (KPIs) at both individual and site level. The purpose of this is to provide comprehensive and reliable data to support quality assurance, service management and research.

3. How does NED fit in with JETS?

The NED database has been designed to link directly with the JETS database. This means that data uploaded into NED will also be uploaded into JETS, so trainees will no longer need to manually add procedural data into JETS. The aim of this integration is to improve the reliability of JETS procedural records by eliminating trainee bias.

4. Why am I receiving this document?

This document is intended for all trainee and trainer users of JETS. It is crucial for trainee details to be entered correctly, as errors may be conveyed into the JETS e-portfolio, and impact on trainee KPIs, which determine progression, competence and eligibility for certification. Due to the variations in ERS nationally, we are only able to provide a generic document at this stage. The aim of this guide is to provide solutions to the commonly encountered issues during the testing phase, in addition to highlighting the important data fields to be completed within the ERS for trainees and trainers.

5. Are there any important considerations for new endoscopy trainees/trainers?

New users are required to register their details on the JETS website. ERS to NED/JETS uploads are dependent on correct professional body code details being recorded on the ERS. Before an endoscopist can become a trainer, attendance and satisfactory performance at a JAG approved trainer course is mandatory in order to quality assure training. All new registrations require approval by the Trust's Endoscopy lead. It is the role of all trainees and trainers to ensure that details held on both JETS and your ERS, especially your professional body code, are correct.

6. What are the important data fields that will need to be completed during a training list?

The important trainee fields are summarised in the following table. Errors in these fields can impact on trainee KPIs exported into the JETS instance of NED. If you are a trainer, please ensure that these are followed. If you are a trainee, please ensure that your trainer is filling in data correctly.

Field	Instructions
Endoscopist name	If you are the trainer supervising the procedure, this should be recorded under your name, even if you have not touched the scope. *Entering trainee details here may invalidate training data.*
Trainee name	The trainee's name must be recorded here, otherwise trainee data will not feed into NED/JETS.
Role	This relates to a trainee's role in completing a diagnostic procedure. Assisted Physically: If physical assistance has been required during the insertion phase of colonoscopy (i.e. physical assistance before the caecum is reached) or at any time during gastroscopy (except when therapy is performed). Was Observed: If physical assistance (as defined above) during a diagnostic procedure was not required. For instance, if a trainee reaches the caecum without assistance, but requires a trainer to perform a polypectomy, or assess a lesion, this still counts as an observed procedure. Independent: This should not be selected, unless a certified trainee is performing a procedure without trainer presence.
Extent by Trainee	This is the extent at first handover of the scope from the trainee to the trainer. For instance, if a trainer has had to physically assist a trainee at the sigmoid colon, and the scope is handed back to the trainee, who reaches the caecum, the extent by trainee should be recorded as sigmoid colon.
Drugs	For combined procedures, e.g. OGD and colonoscopy, doses of sedative and analgesic drugs administered during OGD should also be recorded for the colonoscopy procedure. This will allow KPIs to accurately reflect sedation practice.

Polyps Detected	These refer to the finding of any polyp, except rectal hyperplastic polyps.
Therapies	Please ensure that if a trainee has performed a therapeutic procedure, that their name is recorded in this section. Otherwise, the therapy will not be recorded under their JETS account.

7. Will all procedures be automatically exported from NED-compatible ERS to JETS?

ERS to NED/JETS data have so far been validated for OGD, flexible sigmoidoscopy, colonoscopy, ENT, EUS and ERCP. For EUS and ERCP, some additional fields will need to be manually input on the JETS website before the procedures impact the KPIs.

8. How do I troubleshoot errors relayed from my ERS to JETS?

All ERS systems go through initial validation, before allowing automatic uploads, this is aimed to decrease the number of errors and issues with procedure uploads. Should you believe your procedures are not uploading accurately, the first step is to check the entry on your local system, with the help of your endoscopy lead and ERS supplier. Once you have confirmed the procedure details are correct, the JAG office team can assist you with issues that have come through.

9. What are the common ERS to NED errors which have been already identified?

The majority of errors are related to the fields in the table above. Previous errors which have been identified from previous validation exercises include:

Trainee entries not recorded on JETS:

- Trainee's details not being entered on the ERS report.

Therapeutic data not recorded on JETS:

- If trainee details not recorded under "Therapies section".

10. What KPIs are captured?

A full list of KPIs captured can be found on our website:
https://ned.thejag.org.uk/CMS_Documents/2025-02-06%20NEDi2%20KPI%20document.pdf

You can also see all the data points captured within NED:

https://ned.thejag.org.uk/CMS_Documents/NEDi2%20Data%20set.pdf

11. Who can I contact if there are queries?

Please direct queries to the JAG Office: askJAG@rcp.ac.uk