Introduction to Ethics & Compliance Online System (ECOS)

Webinar

22 Apr 2024

Today's sharing includes

What is ECOS?

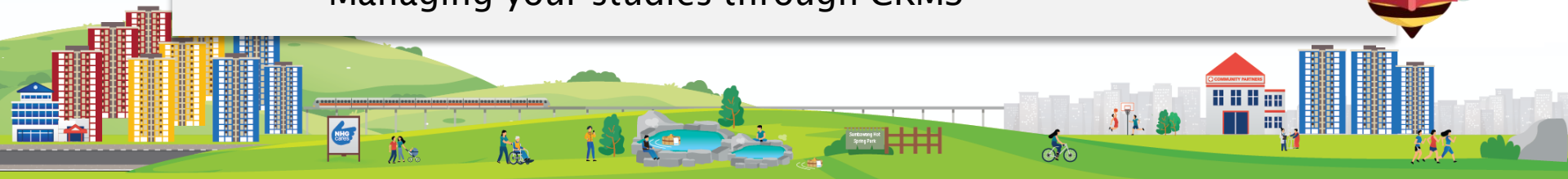- What are the modules and when will they be available?

User Accounts

- How to login
- How to create an account (for new users)
- What to do on your 1st login

Navigating the System

- Managing your IRB submissions
- Managing your studies through CRMS

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Why do we need to move to ECOS?

ECOS is the new IRB IT System co-developed by NHG and SingHealth that will replace the current NHG ROAM/ iShare system. The system is funded by NMRC to enhance the efficiency and quality of ethics reviews.

Question – Why do we need to move to ECOS?

iPhone 5 (2012)
ROAM (2012)

[Image credits: iPhone 5 - Wikipedia]

iPhone 16 (2024)
ECOS (May, July 2024)

[Image credits: iPhone 16 Series To Have Two Major Upgrades, Tipster Hints They Are 'Quite Noteworthy' (wccftech.com)]

- Faster & agile
- Improved user interface
- Greater Capacity
- Stronger cybersecurity features
- Common Platform for DSRB & CIRB
- Promotes research collaborations

NHG cares

3

ECOS – Ethics & Compliance Online System

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- 1 Common IRB Form
- [New & Optional] Research Office Checker for institutions' pre-endorsement checks
- Minimum training validation
- No need to upload CVs

Institutional Review Board (IRB) & Minimum Training

Clinical Research Management System (CRMS)

Phase 1 Launching May 2024

- Traction on recruitment
- Accessible by Sponsor, Study Team Members & Administrators

- Report HBRA safety events & non-compliances to MOH
- PI Self Assessment Forms

Compliance & Reporting

Financial Conflict of Interest (FCOI)

FCOI declarations synced for DSRB applications

Phase 2 Launching in Q3 2024

Submit SDB applications

Standing Database (SDB) (NHG & NUHS Only)

Quality Management

- Audit
- Monitoring

- ECOS is web-based! You may access it from your personal computers
- It is accessible to Public Healthcare Institutions (PHI) and non-PHIs users (e.g., Pharma Sponsors, Academic Institutions (i.e., NUS))

ECOS – Key Actions for Users

Soft Launch (Early-Mid May)

- Check & update migrated User Profiles
- Submit new studies, FCOI Declaration* and Min Training records
- Update CRMS
- Create new account (for users who are not migrated)

Launch (End May)

- Check studies that are migrated in Wave 1 (i.e., studies that have achieved an outcome as of 01 April 2024)
  → Submit all other forms

From July onwards

- Check studies that are migrated in Wave 2 (i.e., remaining studies that have achieved an outcome as of 01 June 2024)

*More information on the next declaration cycle will be provided at a later date

User profiles – Who will be migrated?

The following accounts* will be migrated from ROAM to ECOS

1. **PI**, **Site-PI** or **Co-I** in an **Active Study**

2. ROAM **Key Appointment Holder** *(e.g., DR, IR, DSRB Chairpersons/ Members)*

[Reference: ECOS Launch Frequently Asked Questions (FAQ) 1st published: FAQ #1, 27 Nov 23, Refreshed: FAQ #4, 19 Jan 24, FAQ #6, 28 Feb 24]

**All other accounts <u>will not</u> be migrated to ECOS**

➢ You will need to create your profile in ECOS when it is launched

*This only applied to profiles that are valid and complete.

- *Minimum Training Completion Records (i.e. CITI, FCOI, GCP) uploaded before 01 March 2024 will be migrated together with the profiles.*

Public Healthcare Institutions (PHI) Users – Logging In
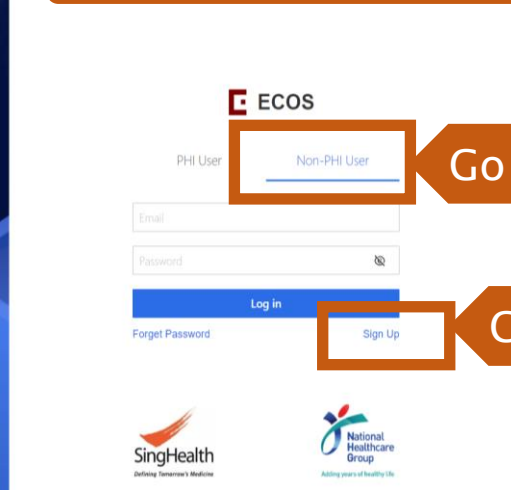
- Login via your corporate email address (M365) & Password

  - ➢ ECOS account will be automatically generated for users with corporate email accounts (M365)

  - ➢ Two factor authentication (2FA) via Microsoft Authenticator will be required
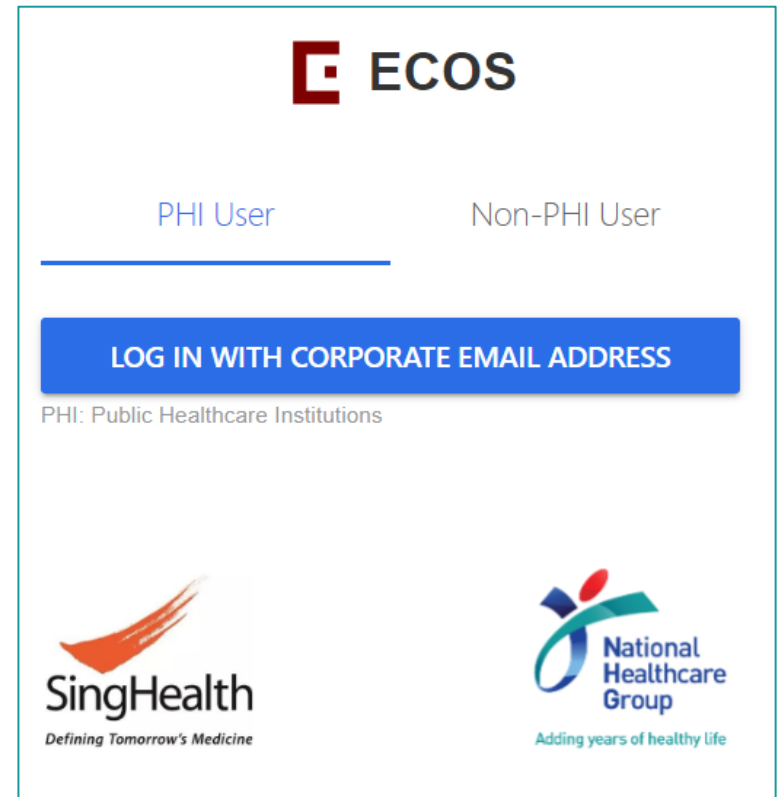
These include users from NHG, SingHealth, NUHS, MOH, MOHH, AIC
- All other users should log in using the "Non-PHI Users" tab

Non-PHI Users – Creating a new account (1)

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Non-PHIs users (e.g., Pharma Sponsors, Academic Institutions (i.e., NUS))

Announcement ⑥

You will see the latest notices here.

Attachment

Attachments for notices can be downloaded from here.
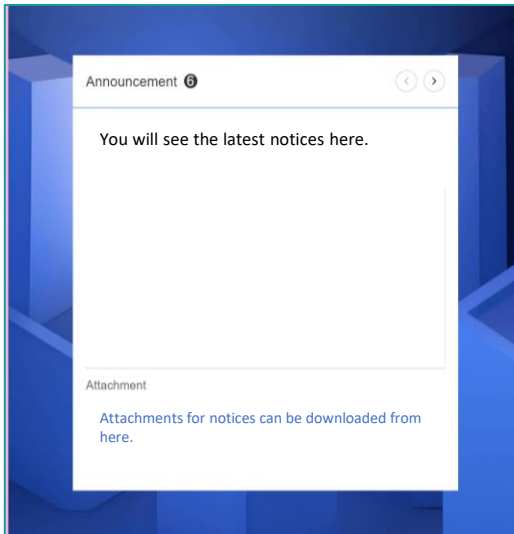
ECOS

PHI User | Non-PHI User

Email

Password

Log in

Forget Password | Sign Up

SingHealth
Defining Tomorrow's Medicine
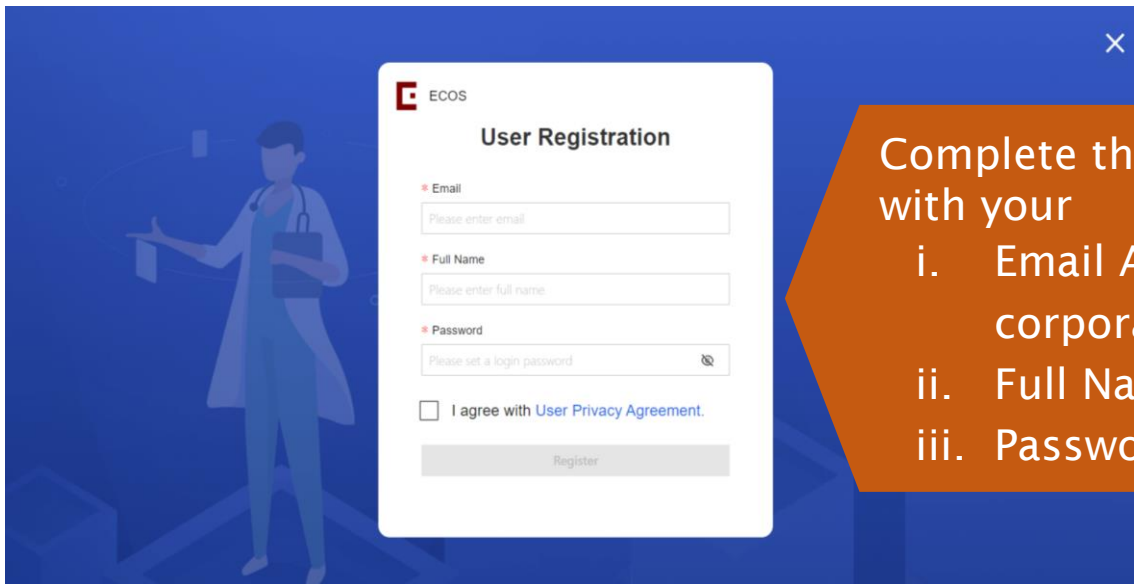
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1 Go to the "Non-PHI User" tab

2 Click on "Sign Up"

ECOS

User Registration

* Email
Please enter email

* Full Name
Please enter full name

* Password
Please set a login password

☐ I agree with User Privacy Agreement.

Register

3 Complete the registration form with your
  i.   Email Address (preferably corporate)
  ii. Full Name
  iii. Password
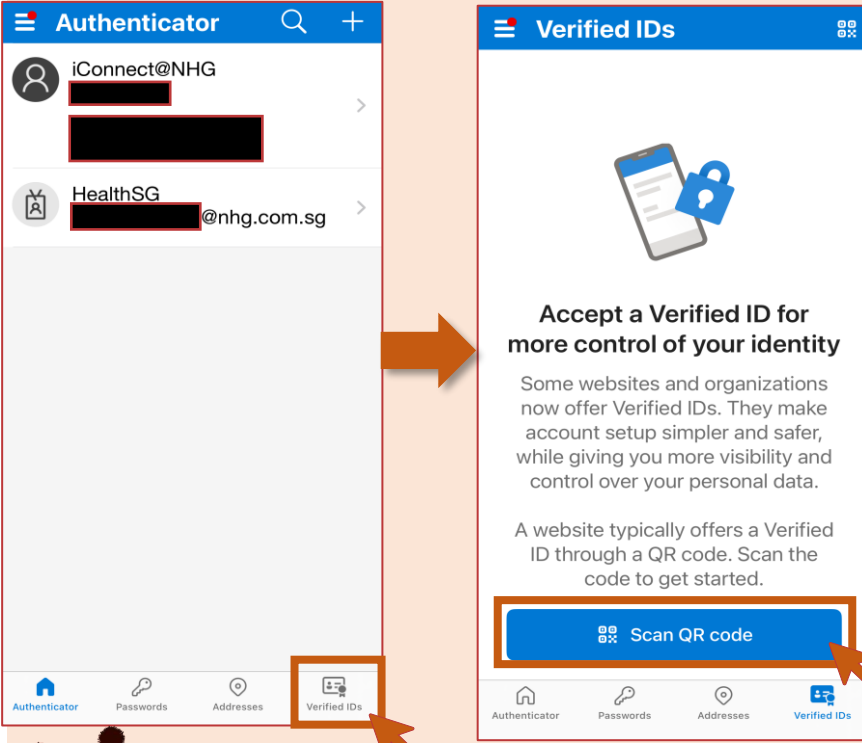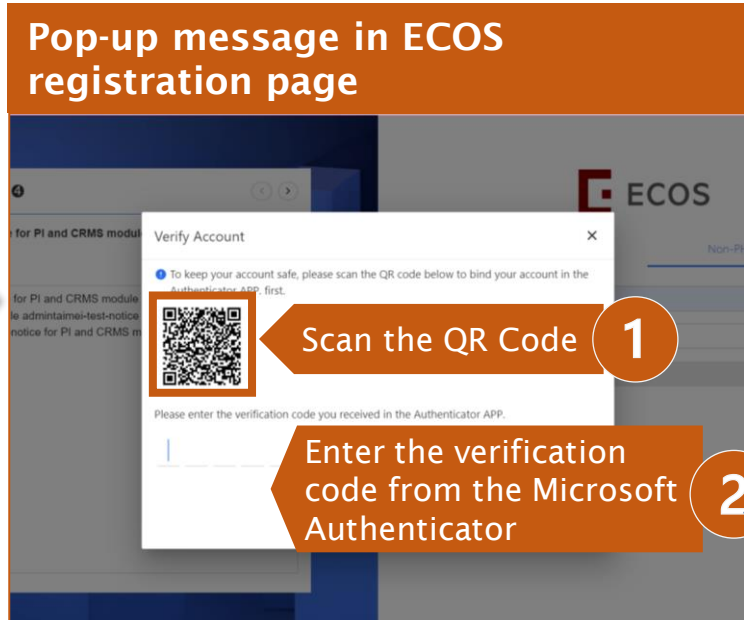
First-Time ECOS Users – Pairing of Microsoft Authenticator

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If you already have the Microsoft Authenticator, you will need to pair it to this account for the first time.

In Microsoft Authenticator

Authenticator

iConnect@NHG

HealthSG
@nhg.com.sg

Authenticator | Passwords | Addresses | Verified IDs

Verified IDs

Accept a Verified ID for more control of your identity

Some websites and organizations now offer Verified IDs. They make account setup simpler and safer, while giving you more visibility and control over your personal data.

A website typically offers a Verified ID through a QR code. Scan the code to get started.

Scan QR code

Authenticator | Passwords | Addresses | Verified IDs

Pop-up message in ECOS registration page

Verify Account

To keep your account safe, please scan the QR code below to bind your account in the Authenticator APP first.

Please enter the verification code you received in the Authenticator APP.

Scan the QR Code ①

Enter the verification code from the Microsoft Authenticator ②

If you do not already have the Microsoft Authenticator, you will be prompted to download it from Apple Store or Playstore and create an account.

What to do on your 1st login (New Users) (1)

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TTSH_STM2

Salutation: Mr ✏️

1 Indicate your salutation

✕

Profile and Minimum Training Information   Study Information

Current Appointment Details   **2** Provide 'Primary Appointment'   ＋ Add

Primary/Secondary Appointment	Cluster	Institution/Organisation	Cluster-Institution-Department	Designation	Action
Primary	NHG	Tan Tock Seng Hospital (TTSH)	Medical Oncology	X	✏️ 🗑️

Academic Qualifications   **3** Provide at least 1 'Academic Qualification'   ＋ Add

Institution	Qualification	Date of Attainment	Action
SUSS	Master's Degree	26-Oct-2014	✏️ 🗑️

Employment History   ＋ Add

Institution/Organisation	Department	Designation	From	To	Action

Registration Type
For medical practitioners / dental practitioners / pharmacists, please provide your registration information   ＋ Add

Registration Council	Type of Current Registration	Date of Registration	Action

Users with migrated profiles should verify the information and update (if necessary).

What to do on your 1st login (New Users) (2)

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Profile and Minimum Training Information

Upload your Minimum Training Certificates **4**

Minimum Training Certificates ⓘ

A

Note: Meet the minimum training requirement to conduct: ✓ Non-HBR, Clinical Trials, HBR

PI/ Site PI and Co-I must submit their training completion report (CITI, FCOI) and certificates (GCP &/or HBR – refer to your cluster's minimum training requirements)

B

C

Cluster	Name of Training Certification	File Name	Training Completion Date	Expiry Date	Validity Date	Document Review Status	Comments/Rejection Reason	Action
SingH...	GCP	GCP Certific...	01-Apr-2023	-	Permanent	● Completed		D ✎ 🕘
SingH...	HBRA Essentials	HBR CERTIFI...	01-Dec-2022	-	Permanent	● Completed		✎ 🕘
SingH...	CITI Biomed	CITI CERTIFI...	01-Nov-2021	-	Permanent	● Completed		✎ E 🕘

A Display the type of studies that you can conduct.

B Click to add new training certification achieved.

C Check Document Review Status for latest update.
Type of Document Review Status: Draft, Pending Review, Completed and Rejected

D Click to edit and update the training certification.

E View the history of the submission of the training certification.

- You will <u>not</u> be allowed to submit new applications and study amendments until your relevant training reports and certificates have been uploaded and verified.
- Users with migrated profiles should verify the information and update (if necessary).

NHG Minimum Training Requirement

The Minimum Training Secretariat will review your training certification and update the type of studies that you can conduct based on the following criteria:
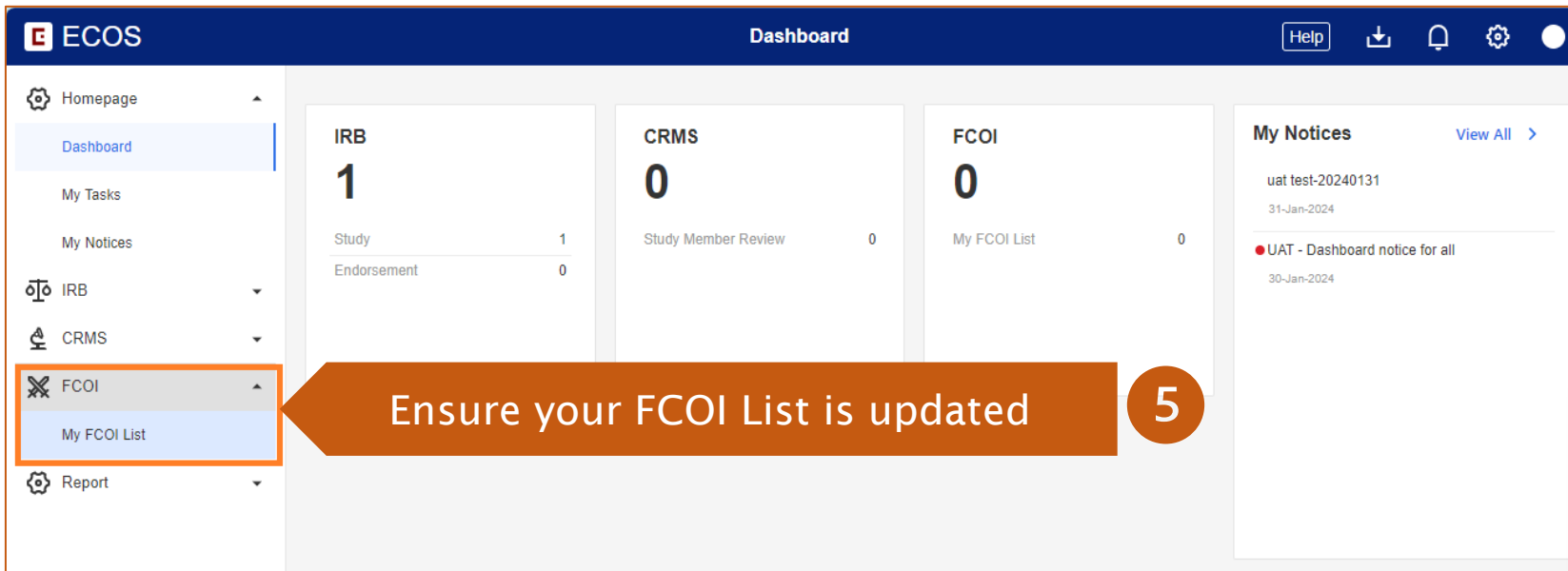
	Training Certification *Please refer to NHG Research website for details of the minimum training requirements.*			
	NHG Collaborative Institutional Training Initiative (CITI)*	**NHG CITI Financial Conflict of Interest (FCOI)**	**Human Biomedical Research (HBR) Minimum Training**	**Good Clinical Practice (GCP)**
Non-HBR*	✓	✓		
HBR	✓	✓	✓	
Clinical Trials		✓		✓

Type of Studies That You can Conduct

* For population health research, CITI should contain Social, Behavioural and Educational (SBE) modules.

What to do on your 1st login (New Users) (3)

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On your Dashboard

ECOS — Dashboard

- Homepage
  - Dashboard
  - My Tasks
  - My Notices
- IRB
- CRMS
- FCOI
  - My FCOI List
- Report
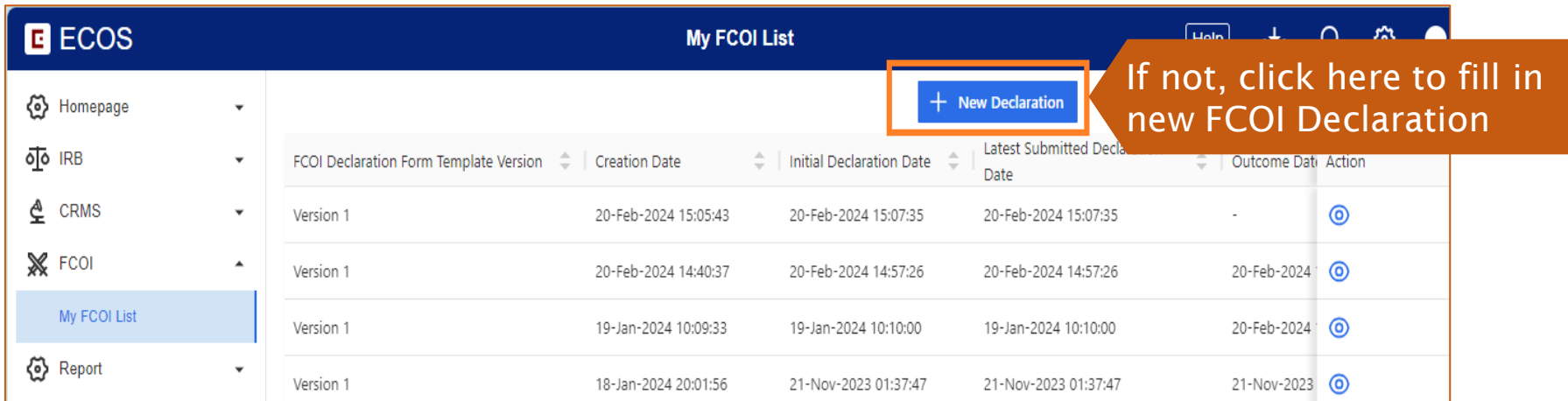
IRB	CRMS	FCOI
1	**0**	**0**
Study 1	Study Member Review 0	My FCOI List 0
Endorsement 0		

My Notices — View All
- uat test-20240131 — 31-Jan-2024
- UAT - Dashboard notice for all — 30-Jan-2024

Ensure your FCOI List is updated — 5

ECOS — My FCOI List

- Homepage
- IRB
- CRMS
- FCOI
  - My FCOI List
- Report

+ New Declaration
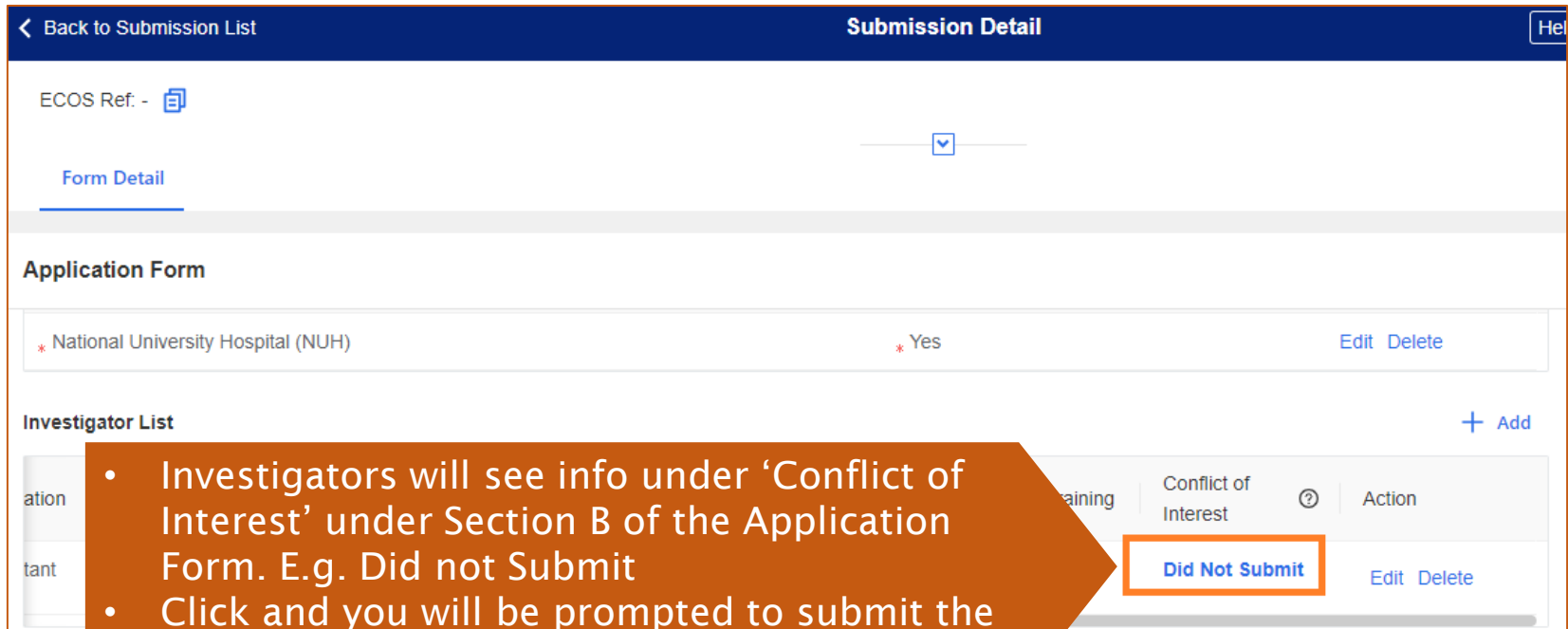
If not, click here to fill in new FCOI Declaration

FCOI Declaration Form Template Version	Creation Date	Initial Declaration Date	Latest Submitted Declaration Date	Outcome Date	Action
Version 1	20-Feb-2024 15:05:43	20-Feb-2024 15:07:35	20-Feb-2024 15:07:35	-	◎
Version 1	20-Feb-2024 14:40:37	20-Feb-2024 14:57:26	20-Feb-2024 14:57:26	20-Feb-2024	◎
Version 1	19-Jan-2024 10:09:33	19-Jan-2024 10:10:00	19-Jan-2024 10:10:00	20-Feb-2024	◎
Version 1	18-Jan-2024 20:01:56	21-Nov-2023 01:37:47	21-Nov-2023 01:37:47	21-Nov-2023	◎

What to do on your 1st login (New Users) (4)

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On the IRB Application Form

Back to Submission List   **Submission Detail**   Hel

ECOS Ref: -

Form Detail

Application Form

| * National University Hospital (NUH) | * Yes | Edit Delete |

Investigator List   + Add

- Investigators will see info under 'Conflict of Interest' under Section B of the Application Form. E.g. Did not Submit
- Click and you will be prompted to submit the FCOI declaration in the FCOI module.
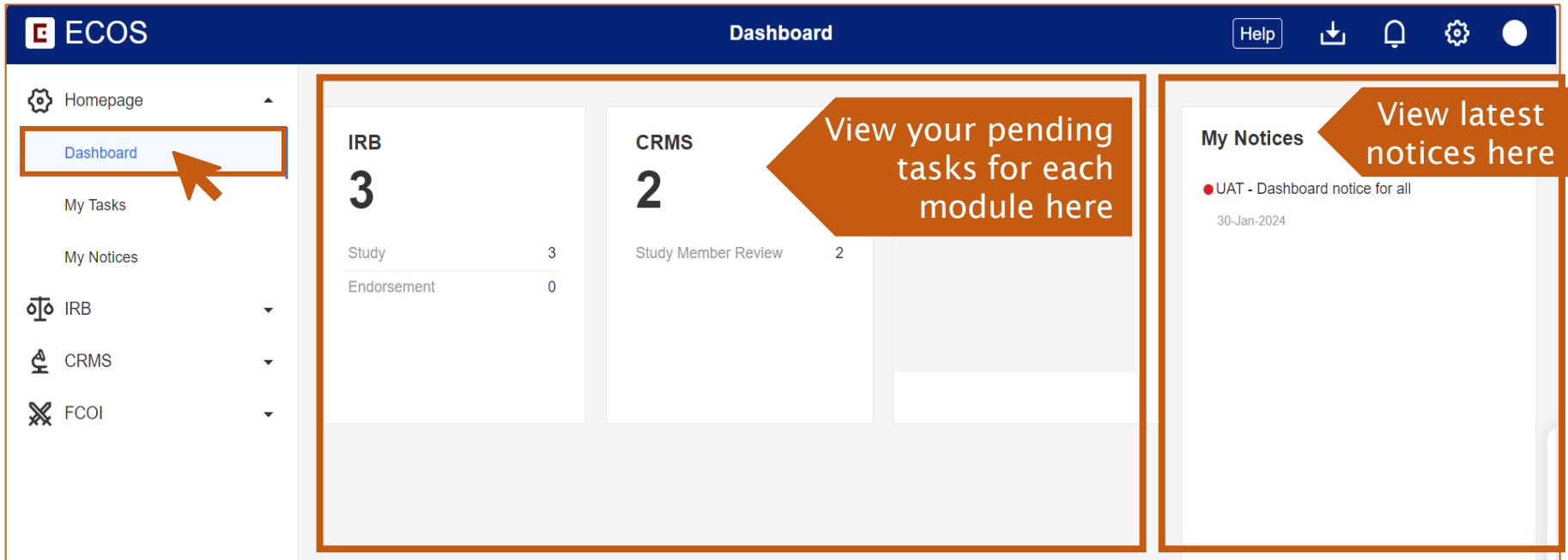
Conflict of Interest ⦰ Action

Did Not Submit   Edit Delete

You will **not** be allowed to submit new applications and study amendments until your FCOI Declaration has been completed.

Navigating the system – Dashboard

The timeout for ECOS is **30 minutes**.
(Editing the form does **not** count as being active)

Navigating the system – My Tasks

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ECOS

My Tasks

IRB	CRMS	FCOI
3	4	0

- Homepage
- Dashboard
- My Tasks
- My Notices
- IRB
- CRMS
- FCOI
- Report

Switch tiles to view pending tasks in respective module
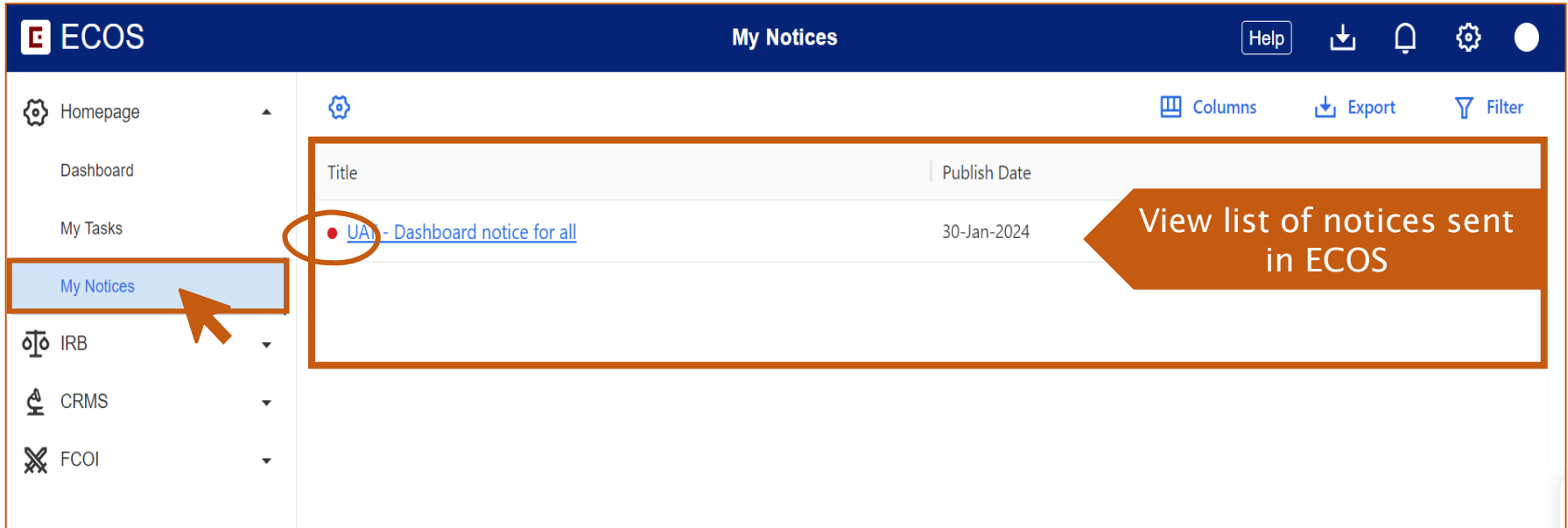
Study (3)   Endorsement (0)

View all pending tasks

Columns   Export   Filter(1)

Board	Task Received Date	Task Status	Form Type	Form Ref	Study Title	Action
Domain B	02-Apr-2024	Pending	Amendment	2024-3015-AMD1	ECOS Overall UAT 2	👁
Domain A	11-Apr-2024	Pending	Application	2024-3186-APP1	Evaluating the effects of holidays on work productivity	👁
Domain C	11-Apr-2024	Pending	Application	2024-3185-APP1	Test Draft_11 April 2024 KTPH (Main), TTSH - Site (Non-Sponsored) by VV	👁

Rows per page: 100   1–3 of 3

Navigating the system – My Notices

The '🔴' indicates that the notice has not been read.

Navigating the system – System notifications

Click to view System Notifications

ECOS					Study List

Pending Review Tasks | Unfinished Tasks | Unfinished Quality Co

ECOS Ref	IRB	PI/Site-PI	Department	Number of Sites	Study Title
2024-3189	NHG DSRB Domain B	Dr TTSH_P1 (Tan Tock Seng Hospital)	Medical Oncology(Tan Tock Seng Hospital)	1	Test study - TTSH single site sponsored f approval
2024-3186	NHG DSRB Domain A	Dr TTSH_P1 (Tan Tock Seng Hospital)	Medical Oncology(Tan Tock Seng Hospital)	1	Evaluating the effects of holidays on wor productivity
2024-3185	NHG DSRB Domain C	A/Prof KTPH_SP1 (Khoo Teck Puat Hospital), Dr TTSH_P1 (Tan Tock Seng Hospital)	General Surgery(Khoo Teck Puat Hospital), Medical Oncology(Tan Tock Seng Hospital)	2	Test Draft_11 April 2024 KTPH (Main), TT (Non-Sponsored) by VW
2024-3083	NHG DSRB Domain B	Dr TTSH_P1 (Tan Tock Seng Hospital)	Department of Medical Oncology(Tan Tock Seng Hospital)	1	Please enter the Study Title for this Study
2024-3015	NHG DSRB Domain B	A/Prof KTPH_SP1 (Khoo Teck Puat Hospital), Dr TTSH_P1 (Tan Tock Seng Hospital)	Department of General Surgery(Khoo Teck Puat Hospital),Medical Oncology(Tan Tock Seng	2	ECOS Overall UAT 2

A pop-up window will appear when the " 🔔 " is clicked

Where to find your studies? (1)

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Under your "User Profile" page

View the list of studies that you are involved in

Your list of studies will only be available after the launch (end May 2024).

Where to find your studies? (2)

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Under IRB Dashboard

ECOS — My Study List

ECOS Ref	IRB	Study Status	Study Title	PI/Site-PI Name	Initial Review Category	Action
2024-3083	NHG DSRB-Domain B	● Pending IRB Review	Please enter the Study Title for this Study.	-	-	◉
2024-3015	NHG DSRB-Domain B	● Approved	ECOS Overall UAT 2	-	Expedited	◉
2024-3186	NHG DSRB-Domain A	● Draft	Evaluating the effects of holidays on work productivity	-	-	◉
2024-3185	NHG DSRB-Domain C	● Draft	Test Draft_11 April 2024 KTPH (Main), TTSH - Site (Non-Sponsored) by VW	-	-	◉
2024-3189	NHG DSRB-Domain B	● Approved	Test study - TTSH single site sponsored for dsrb approval	-	Expedited	◉
2024-3188	NHG DSRB-Domain B	● Approved	KTPH_SP1	-	Exempt	◉

Navigation menu: Homepage, IRB (Submission List, Endorsement, My Study List), CRMS, FCOI, Report
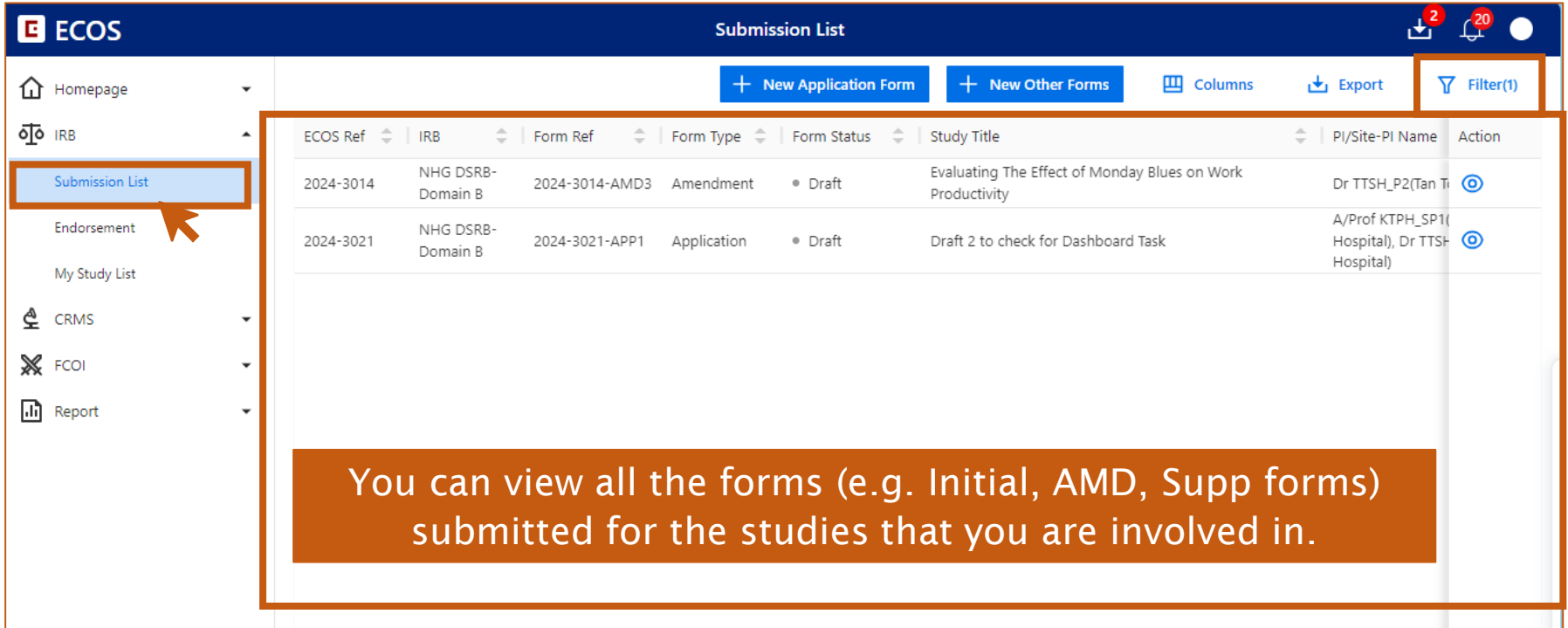
Your list of studies will only be available after the launch (end May 2024).

Managing your IRB Submissions

- Where to find your submissions and studies
- How to submit a new application/ other forms
- Where to find your study summary

IRB Dashboard – Submission List
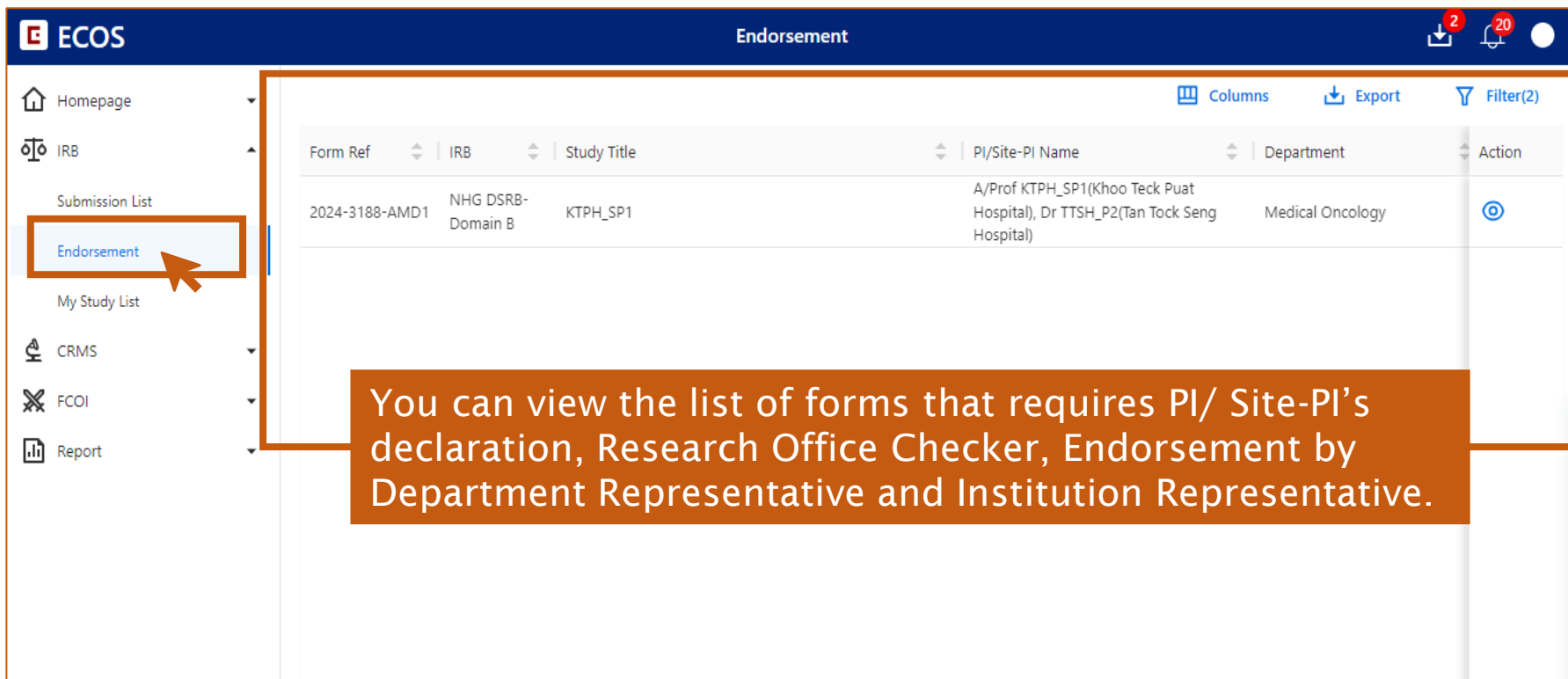
You can view all the forms (e.g. Initial, AMD, Supp forms) submitted for the studies that you are involved in.

- You should not see any forms on this page on your first login
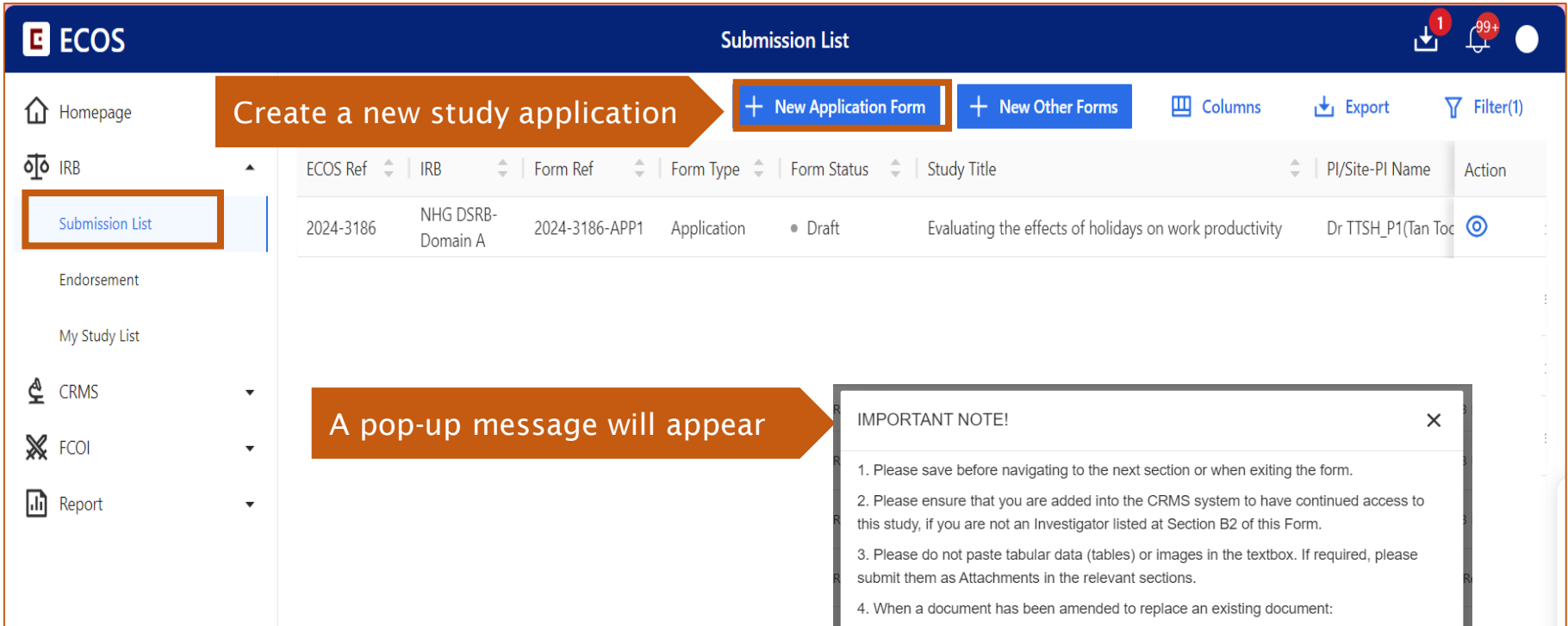- User the filter function to search for forms with outstanding tasks

IRB Dashboard – Endorsement

ECOS | Endorsement

- Homepage
- IRB
  - Submission List
  - **Endorsement**
  - My Study List
- CRMS
- FCOI
- Report

Columns | Export | Filter(2)

Form Ref	IRB	Study Title	PI/Site-PI Name	Department	Action
2024-3188-AMD1	NHG DSRB-Domain B	KTPH_SP1	A/Prof KTPH_SP1(Khoo Teck Puat Hospital), Dr TTSH_P2(Tan Tock Seng Hospital)	Medical Oncology	⊙

You can view the list of forms that requires PI/ Site-PI's declaration, Research Office Checker, Endorsement by Department Representative and Institution Representative.

- Only applicable to users with specific roles
- Research Office Checker is an optional role that institutions may choose to adopt

IRB Dashboard – My study list

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ECOS — My Study List

ECOS Ref	IRB	Study Status	Study Title	PI/Site-PI Name	Initial Review Category	Action
2024-3083	NHG DSRB-Domain B	● Pending IRB Review	Please enter the Study Title for this Study.	-	-	👁

Homepage
IRB
  Submission List
  Endorsement
  My Study List
CRMS
FCOI
Report

Columns · Export · Filter

Rows per page: 100   1–6 of 6
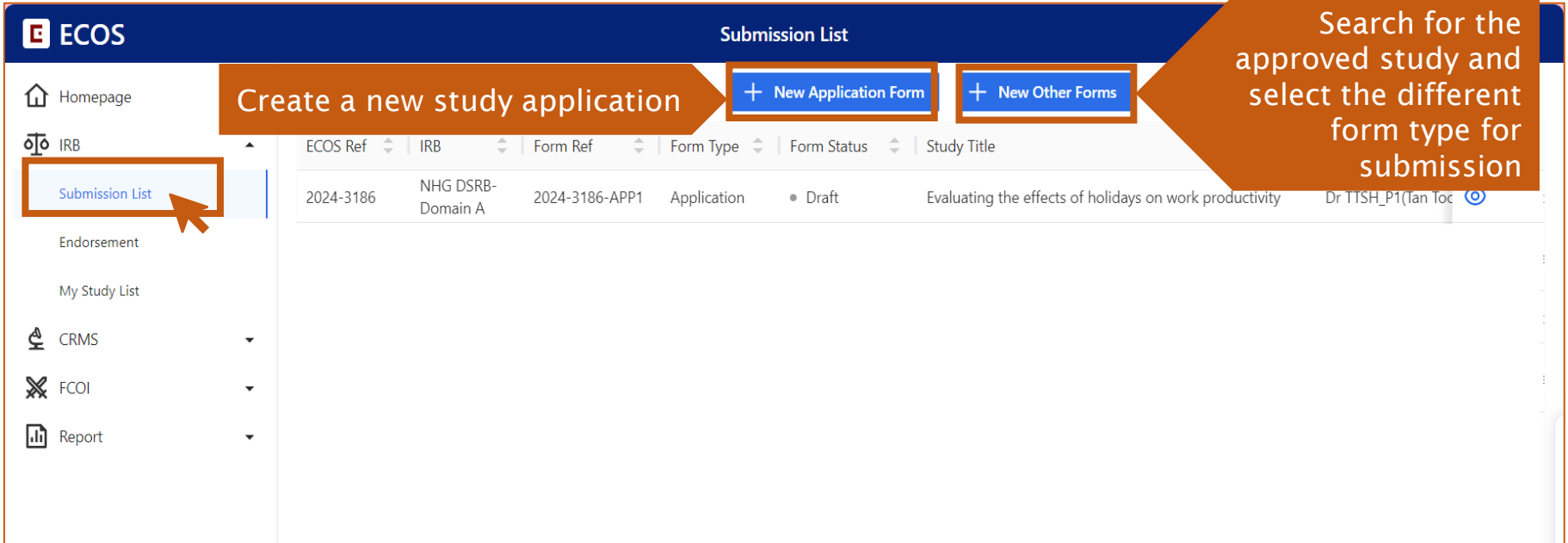
You can view all the studies that you are involved in

- You should not see any studies on this page on your first login
- User the filter function to search for studies with outstanding tasks

How to submit a new application/other forms

ECOS — Submission List

Homepage

IRB
- Submission List
- Endorsement
- My Study List

CRMS

FCOI

Report

Create a new study application → New Application Form

Search for the approved study and select the different form type for submission → New Other Forms

ECOS Ref	IRB	Form Ref	Form Type	Form Status	Study Title	
2024-3186	NHG DSRB-Domain A	2024-3186-APP1	Application	● Draft	Evaluating the effects of holidays on work productivity	Dr TTSH_P1(Tan Tod

How to submit a new application

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ECOS — Submission List

- Homepage
- IRB
  - Submission List
  - Endorsement
  - My Study List
- CRMS
- FCOI
- Report

Create a new study application → + New Application Form

+ New Other Forms | Columns | Export | Filter(1)

ECOS Ref	IRB	Form Ref	Form Type	Form Status	Study Title	PI/Site-PI Name	Action
2024-3186	NHG DSRB-Domain A	2024-3186-APP1	Application	• Draft	Evaluating the effects of holidays on work productivity	Dr TTSH_P1(Tan Toc	◎

A pop-up message will appear

IMPORTANT NOTE!   ×
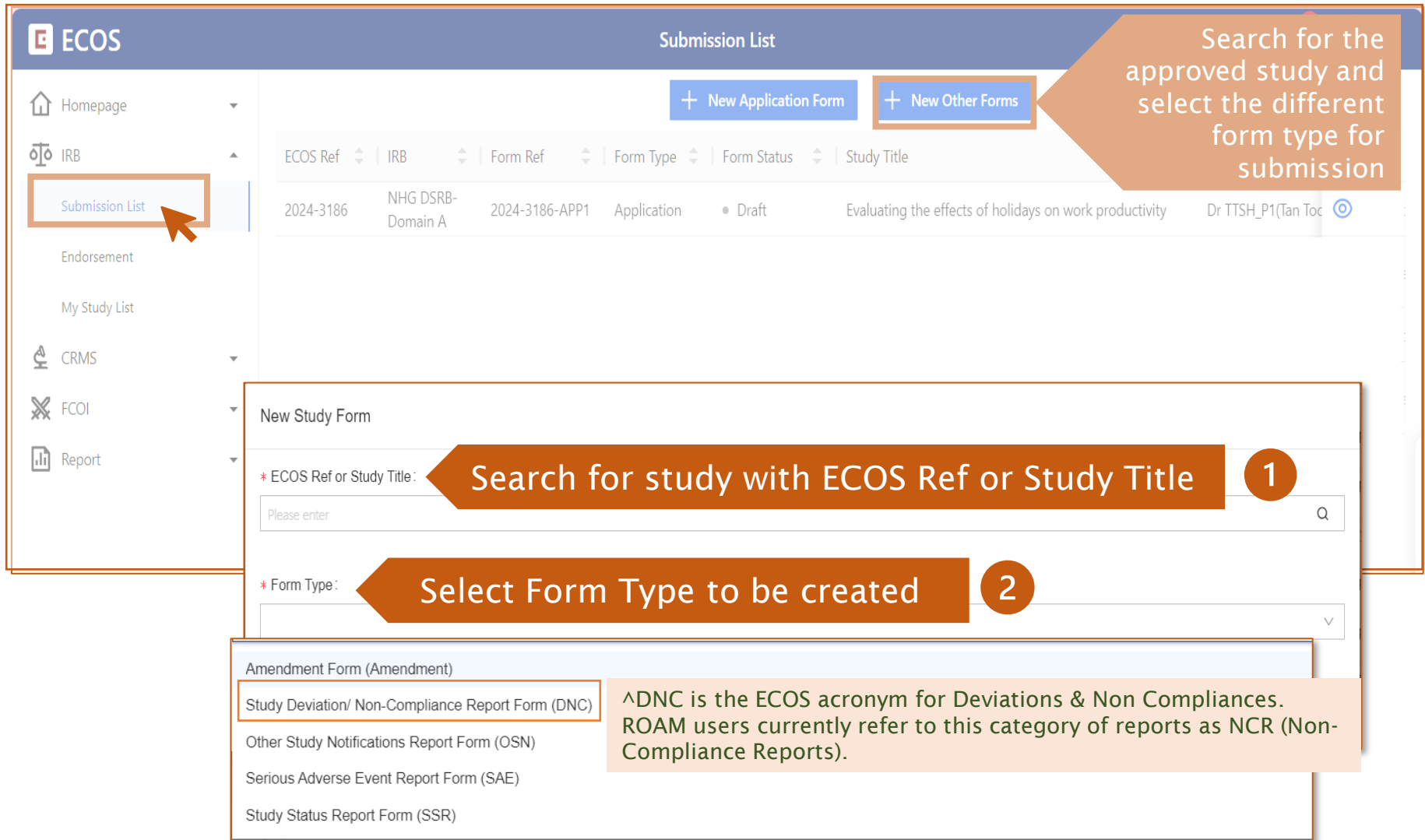
1. Please save before navigating to the next section or when exiting the form.

2. Please ensure that you are added into the CRMS system to have continued access to this study, if you are not an Investigator listed at Section B2 of this Form.

3. Please do not paste tabular data (tables) or images in the textbox. If required, please submit them as Attachments in the relevant sections.

4. When a document has been amended to replace an existing document:

   a. Please ensure that both the clean and tracked copies are uploaded.

   b. A version number and date should be reflected within documents used for the purpose of this research. Where a version number and/ or date is included in the file name, do ensure that it is the same as that stated within the document.

   c. Please remove the obsolete copies as only the latest version is required.

1 Click on '**Close**' button to proceed with the creation of form

Close

2 Complete **Sections A (Study Title)** and **B (Submission IRB and Board)** and save to generate a new ECOS reference number for your study.

How to submit other forms

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ECOS — Submission List

- Homepage
- IRB
  - Submission List
  - Endorsement
  - My Study List
- CRMS
- FCOI
- Report

+ New Application Form | + New Other Forms

Search for the approved study and select the different form type for submission

ECOS Ref	IRB	Form Ref	Form Type	Form Status	Study Title	
2024-3186	NHG DSRB-Domain A	2024-3186-APP1	Application	• Draft	Evaluating the effects of holidays on work productivity	Dr TTSH_P1(Tan Toc

New Study Form

* ECOS Ref or Study Title : — **Search for study with ECOS Ref or Study Title** ①

[Please enter] 🔍

* Form Type : — **Select Form Type to be created** ②

Amendment Form (Amendment)

Study Deviation/ Non-Compliance Report Form (DNC)
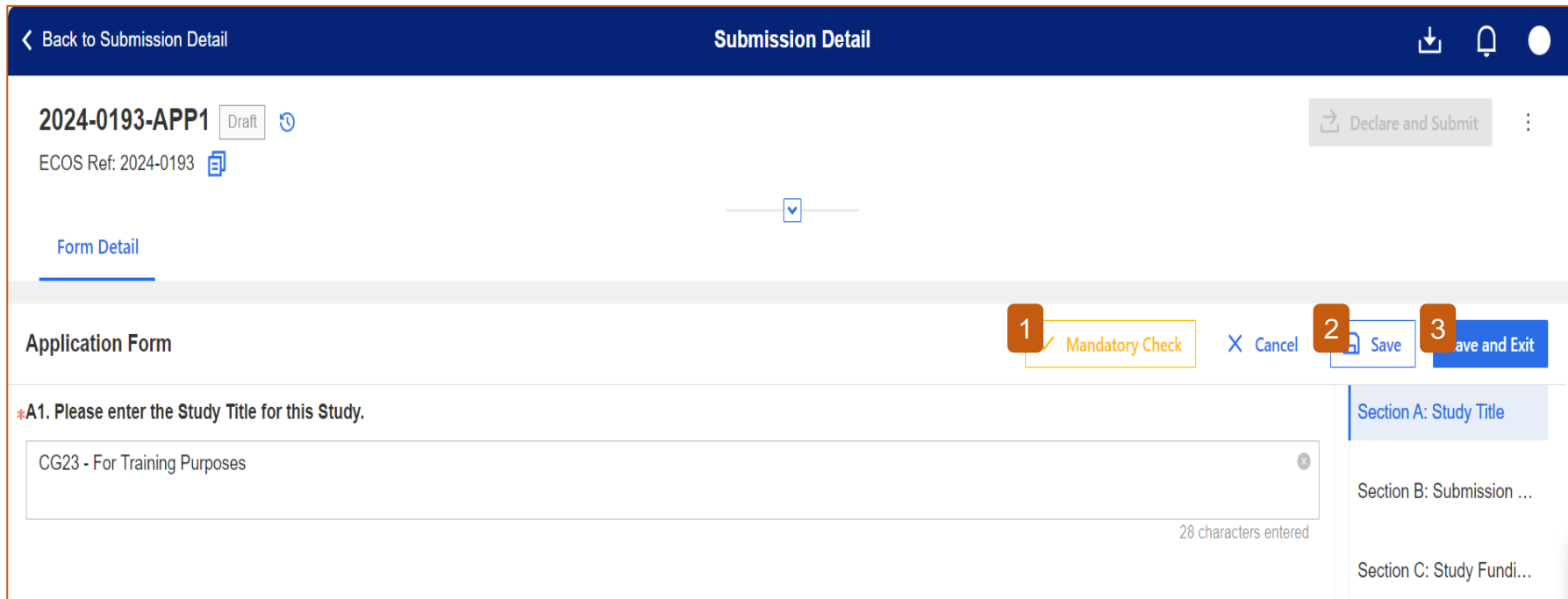
Other Study Notifications Report Form (OSN)

Serious Adverse Event Report Form (SAE)

Study Status Report Form (SSR)

^DNC is the ECOS acronym for Deviations & Non Compliances. ROAM users currently refer to this category of reports as NCR (Non-Compliance Reports).

Key features of Application Form (1)

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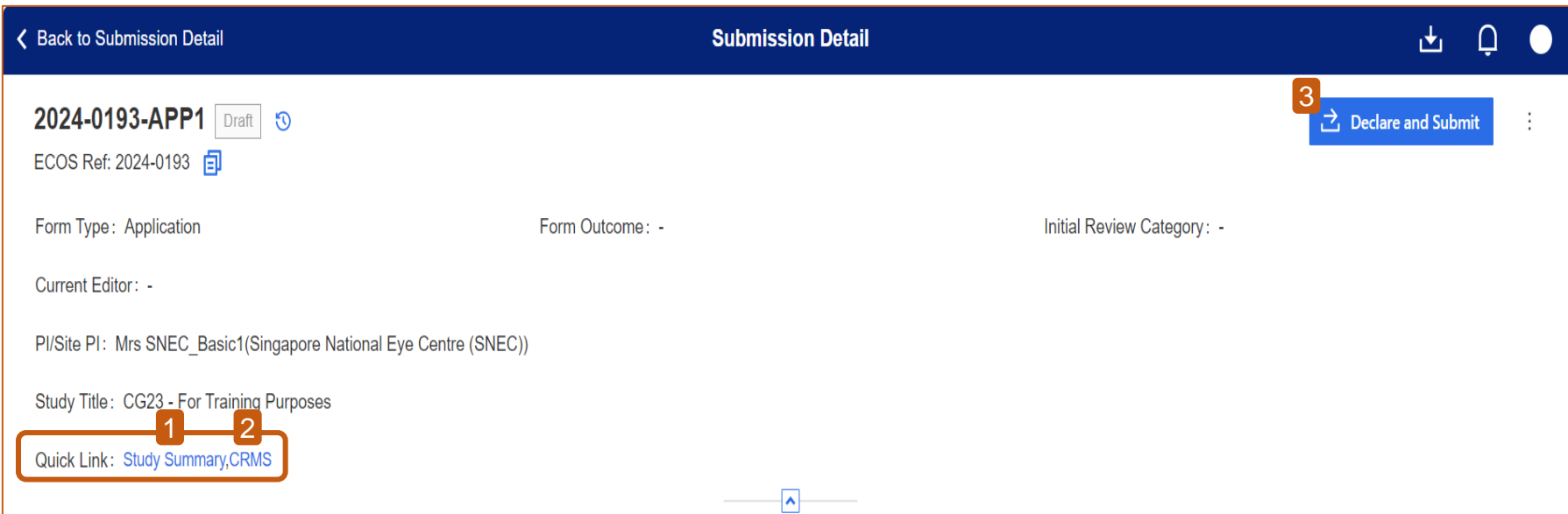
1 Click 'Mandatory Check' to ensure that all form fields are filled.

2 Use 'Save' frequently to ensure that all information are saved. Your form will not be autosaved.

3 Use 'Save and Exit' to save and exit editing mode.

The timeout for ECOS is **30 minutes**.
(Editing the form does **not** count as being active)

Key features of Application Form (2)

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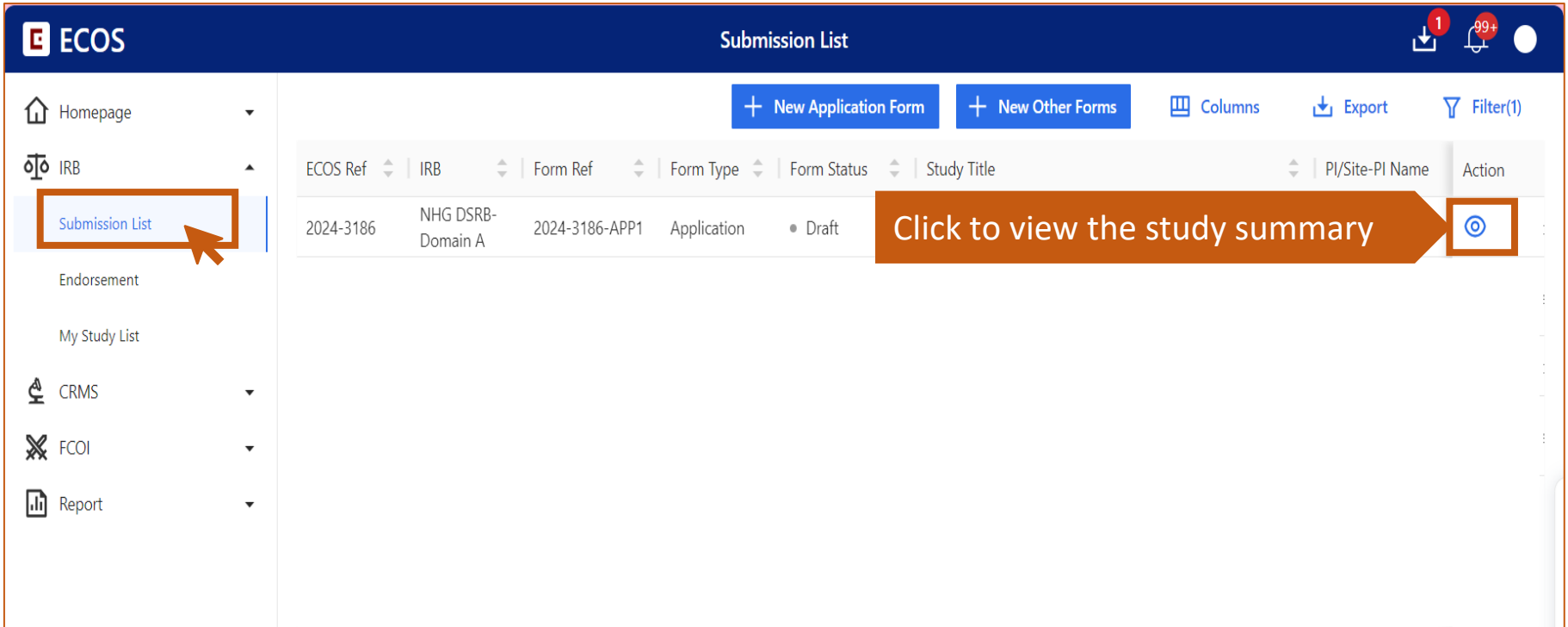
1. View the 'Study Summary' such as Forms, Forms Attachments and Study Letter submitted for the study.

2. Refer to the training guide for CRMS module for more information.

3. For PI, the 'Declare and Submit' button will be displayed, and form will be 'Pending Endorsement' upon submission.

   For all other roles, the 'Finalise' button will be displayed, and form will be 'Pending PI Declaration' upon submission.

Where to find your study summary

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ECOS

Submission List

- Homepage
- IRB
  - Submission List
  - Endorsement
  - My Study List
- CRMS
- FCOI
- Report

New Application Form | New Other Forms | Columns | Export | Filter(1)

ECOS Ref	IRB	Form Ref	Form Type	Form Status	Study Title	PI/Site-PI Name	Action
2024-3186	NHG DSRB-Domain A	2024-3186-APP1	Application	• Draft			⊙

Click to view the study summary

Study summary can be accessed from Submission List and My Study List

Managing your studies through the Clinical Research Management System (CRMS)

- Where to find your studies

- Managing IRB Submission for Sponsored Study

- Managing your study team

- Managing your study activities

The use of this module is **optional** for non-sponsored studies

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CRMS – Overview

Study Information

Site Information

User Authorisation List

Milestones

Participants

You can capture information such as:
- Primary & backup site coordinators
- Funding/ Grant details
- Study agreement information
- Sponsor/CRO contract
- Publications and presentations

Project managers/Study coordinators can create & track Study Milestones (e.g. IRB approval, Study Initiation, First participant screened)

- Track recruitment numbers (by month and in total)
- Capture participants' information (e.g. Basic information, Signed ICF tracking, Visit plan)

You can capture information such as:
- Sponsor, CRO contact details
- IRB review fees billing contact details
- Regulation information (e.g. submission details)

- Study team members/ Sponsors added can draft IRB form
- 3 types of roles can be assigned (each affecting their access in CRMS):
  - Study Sponsor
  - Study Administrator
  - Study Team Member
- PI, Site-PI and Co-I will be auto-synced from IRB App Form

Participant List

Study Configuration

Visit Plan

Group

ICF Version

The use of this module is **optional** for non-sponsored studies

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NHG cares
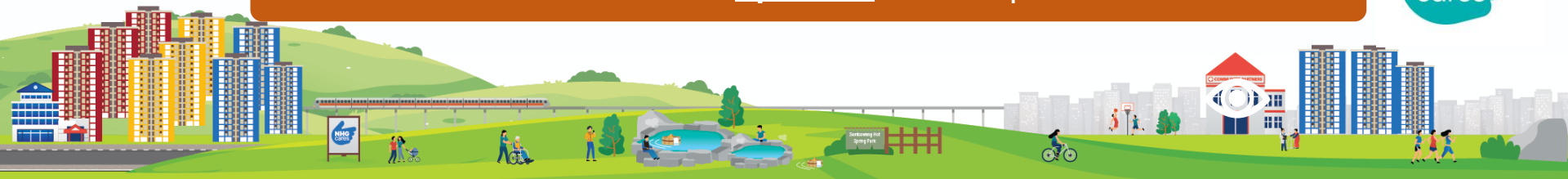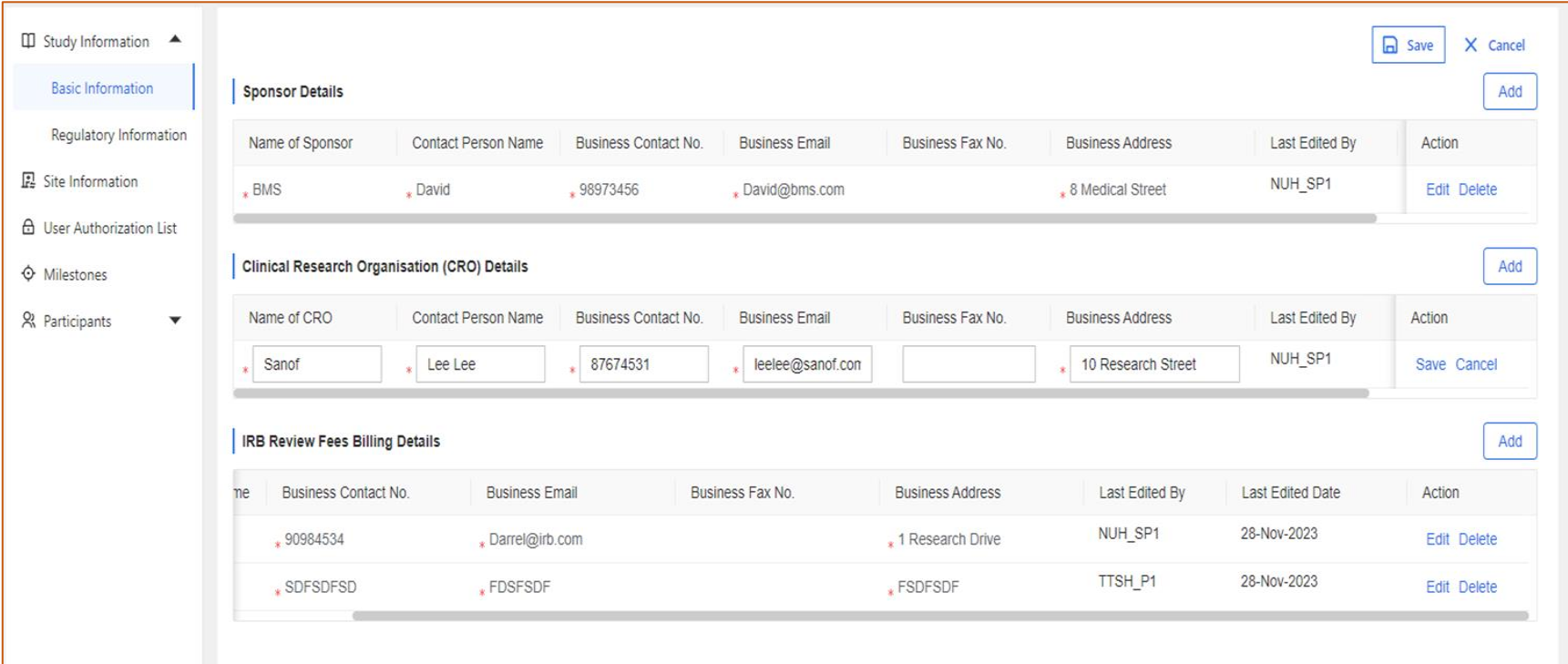
CRMS – Managing IRB Submission for Sponsored Study

CRMS role in IRB submission

If Pharmaceutical/Industry Sponsored was selected in Section C1 (funding information) in the IRB application form, following CRMS sections need to be completed to support the IRB submission:

- Study Information ⟶ Sponsor/ CRO and IRB billing details

CRMS – Managing your study team

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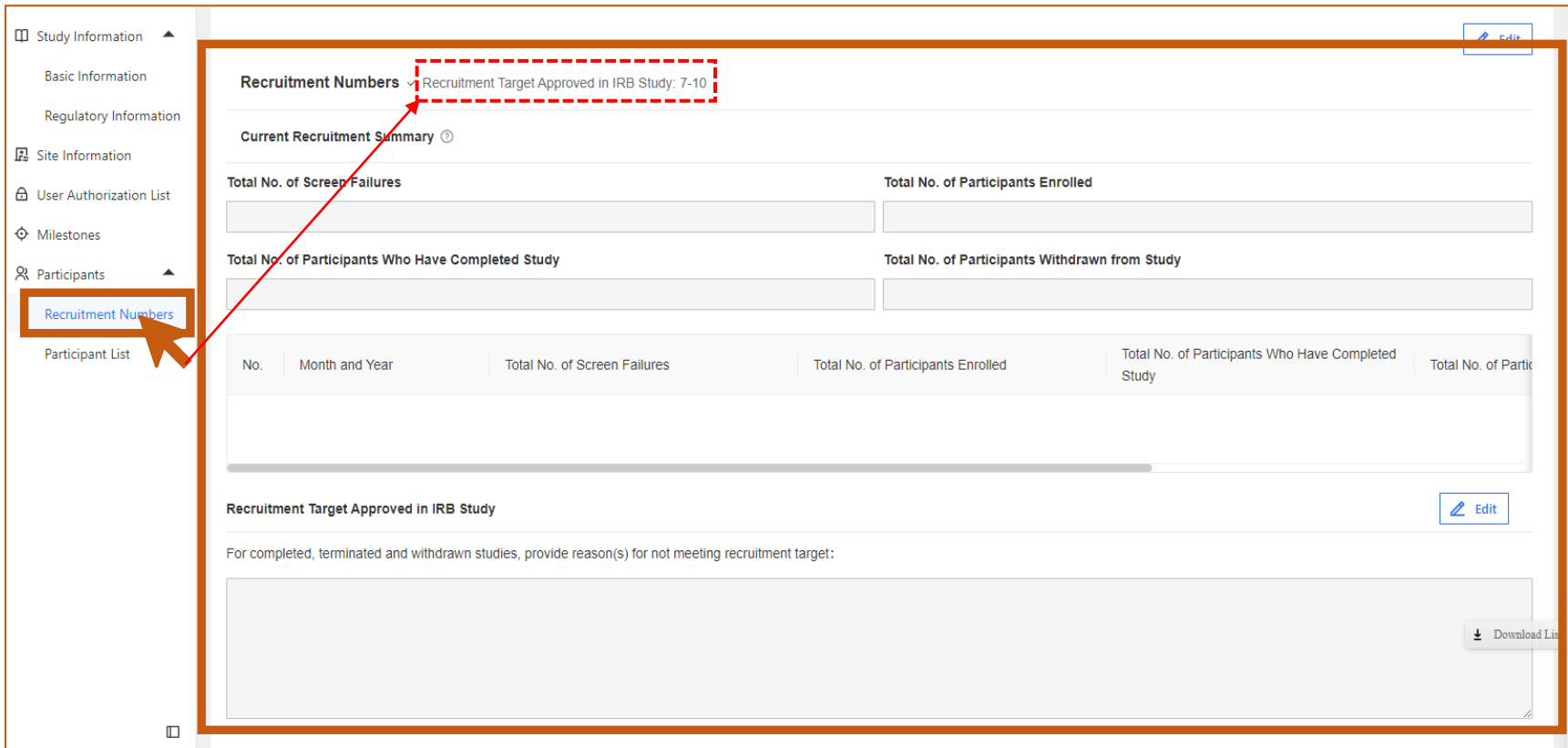
User Authorisation List – the Gateway to ECOS

- User Authorization List controls user access to ECOS modules for Study Team Member, Study Administrators and Study Sponsor roles.
- Addition of the users above require PI authorisation

User Authorisation List

+ Add   ▥ Columns   ⬇ Export   ▽ Filter(1)

Member Name	Role	Cluster	Institution	Department	Designation	Email Address	Data Source	Role Status	Endorsement Date	Endorsed	Action
TTSH_P2	PI	National Healthcare Group	Tan Tock Seng Hospital	Medical Oncology	Doctor	shs-site1-tester8@taimei.com	IRB	● Active	02-Apr-2024	-	
TTSH_User_ID04	CoI	National Healthcare Group	Tan Tock Seng Hospital	Infectious Disease	medical office	nhg-site1-tester1@taimei.com	IRB	● Active	02-Apr-2024	-	
SS2	Study Sponsor	External	Novartis Pharma	-	Sponsor	5923d5b6-9a87-42fa-80be-dcadd37999f8@taimei.com	CRMS	● Active	02-Apr-2024	TTSH_P2	Deactivate
TTSH__SA2	Study Administrator	National Healthcare Group	Tan Tock Seng Hospital	Medical Oncology	CRC	ef246c8e-d575-4863-bd4b-be7b8d3d0e8e@taimei.com	CRMS	● Active	02-Apr-2024	TTSH_P2	Deactivate
TTSH_STM2	Study Team Member	National Healthcare Group	Tan Tock Seng Hospital	Medical Oncology	CRC	shs-site1-tester4@taimei.com	CRMS	● Active	02-Apr-2024	TTSH_P2	Deactivate

National Healthcare Group
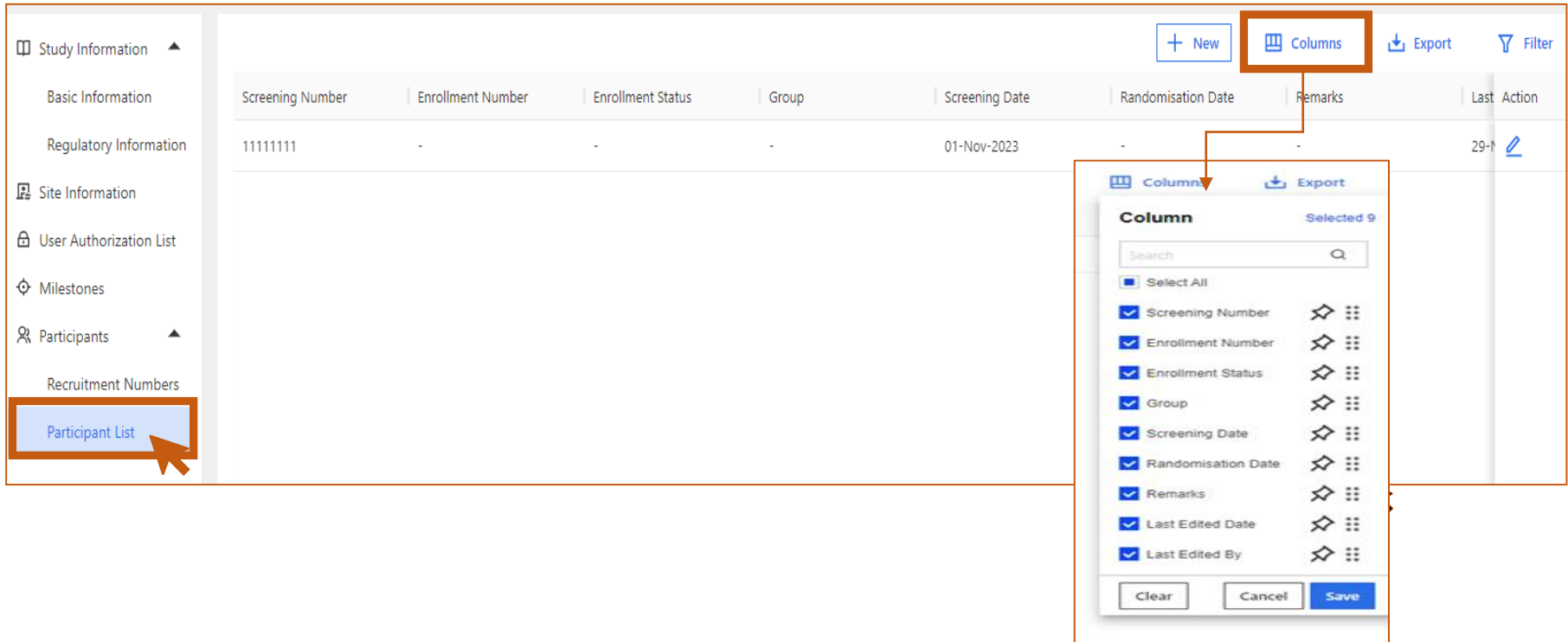Adding years of healthy life

You can now track and enter recruitment number

Step-by-step training on the navigation of the CRMS will be made available in ECOS Launch Website. Stay tuned for details.

CRMS – Managing your study activities (2)

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You can have an overview of the list of participants screened, enrolled and/or randomized.

IMPORTANT – Participant identifiers should not be entered into CRMS.

CRMS – Managing your study activities (3)

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Consists of 3 sub-pages to allow subject related data entry:
- Basic Information
- ICF Details
- Visit Plan

IMPORTANT – Participant identifiers should not be entered into CRMS.

Module-specific Training Materials & Recording

✓ IRB Guidebook is available on 'ECOS Launch Support Portal > User Guides'.
  ➢ Slides for this Webinar will be uploaded on 'ECOS Launch Support Portal > Training'
    ➢ For NHG staff only, the recording of this Webinar will be uploaded on eLEARN (https://elearn.sg/)

  ➢ Module-specific training materials will be made available soon.

  ➢ Stay tuned to the NHG Research Website (www.research.nhg.com.sg)
    OR look out for emails from OHRPP@nhg.com.sg!

For more information on ECOS

www.research.nhg.com.sg

Home » Research Ethics Framework » ECOS Launch Support for NHG

ETHICS & QUALITY

- Introduction to Ethics
- Apply for Ethics Approval
- DSRB Announcements
- DSRB FAQ
- Standing Databases & Tissue Banks
- Research Quality
- Quality Improvement
- ECOS Launch Support

ECOS Launch Support for NHG

| ECOS Home | ECOS Announcements | ECOS FAQs | ECOS Migration Prep | ECOS User Guides |

What is ECOS?

The **Ethics and Compliance Online System (ECOS)** is the new ethics review infrastructure that is co-developed by NHG and SingHealth. The ECOS system will replace the current NHG ROAM system in mid 2024.

The ECOS system is intended to support research enterprise functions across the research lifecycle from Study Initiation to Completion, allowing IRBs, institutions, and researchers to have a one stop oversight of research related activities.

As part of NHG's preparations to ensure a smooth transition from the current ROAM System over to the succeeding ECOS system, we have created a new information website to act as a central reference and information portal.

All posted announcements, news and guides related to the ECOS system and the decommissioning of the NHG ROAM System will be made available here on this portal.

ECOS Launch Support Site for NHG: https://for.sg/ecos *(Both NHG-Intranet & Internet accessible)*

For More Information

ECOS Launch Support for NHG HOMEPAGE

https://for.sg/ecos

Any Questions?

ECOS Launch Support for NHG Question Submission

https://for.sg/ecos-submit-questions

Mailing List Subscription

ECOS Launch Support for NHG Subscribe to ECOS Mailing List

https://for.sg/ecos-mailing-list

THANK YOU