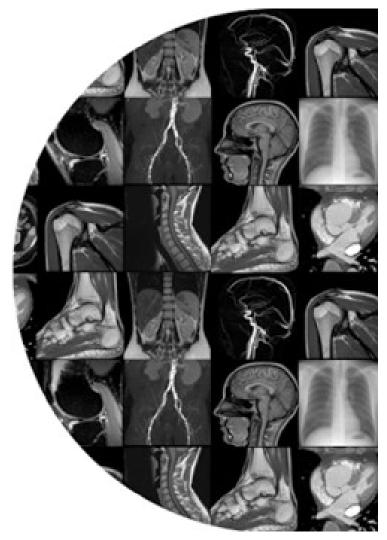
### DETECT acute on Collective Minds:

## Project specification





# Roles and permissions

| Odense University Hospital / <b>Roles</b> Roles |            |  |
|---|------------|--|
| Role J†   | Scope 🔰    | Actions  |
| Od_R01  | project    | <ul> <li>Image: Second sec</li></ul> |
| Od_R02  | project    | <ul> <li>Image: Image: Ima</li></ul> |
| Od_R03  | project    | <ul> <li>Image: Constraint of the second second</li></ul> |
| Od_R04  | project    | <ul> <li>Image: Constraint of the second second</li></ul> |
| Od_R05  | project    | <ul> <li>Image: Second sec</li></ul> |
| 0d_R06  | project    | <ul> <li>Image: Second sec</li></ul> |
| 05_R01  | project    |  |
| 05_R02  | project    |  |
| Os_R03  | project    |  |
| Os_R04  | project    | <ul> <li>Image: Second sec</li></ul> |
| Os_R05  | project    | <ul> <li>Image: Second sec</li></ul> |
| Os_R06  | project    | <ul> <li>Image: Second sec</li></ul> |
| 05_R07  | project    | <ul> <li>Image: Second sec</li></ul> |
| Os_R08  | project    | <ul> <li>Image: Image: Ima</li></ul> |
| Os_R09  | project    | <ul> <li>Image: Image: Ima</li></ul> |
| Os_R10  | project    | <ul> <li>Image: Second sec</li></ul> |
| 05_R11  | project    | <ul> <li>Image: Second sec</li></ul> |
| 05_R12  | project    | <ul> <li>Image: Second sec</li></ul> |
| Project owner                                   | project    |  |
| Repository owner                                | repository | <ul> <li>Image: Constraint of the second second</li></ul> |

Roles and permissions are made at repository level.

Each member will be invited into their respective project as project members, and assigned their respective role. Admins are repository owners.

| Os_R04 Permissions       Clear all Select all         View       Edit       Delete       Approve         Project Permissions                            |                  |         |      |        |                      |
|---|------------------|---------|------|--------|----------------------|
| View Edit Delete Approve   Project  | Os_R04 Perm      | issions |      |        | ×                    |
| Project Permissions         Project         Pipeline         Member         Member         Subject         Event         Project site         Audit log |                  |         |      |        | Clear all Select all |
| Project   Pipeline   Member   Member   Result   Subject   Event   Project site   Audit log  |                  |         | Edit | Delete | Approve              |
| Pipeline   Member   Result   Subject   Event   Project site   Audit log   | Project Permissi | ons     |      |        |                      |
| Member  | Project          |         |      |        |                      |
| Result  | Pipeline         |         |      |        |                      |
| Subject   | Member           |         |      |        |                      |
| Event   | Result           |         |      |        |                      |
| Project site  | Subject          |         |      |        |                      |
| Audit log   | Event            | •       |      |        |                      |
| REASON FOR CHANGE *   | Project site     |         |      |        |                      |
|   | Audit log        |         |      |        |                      |
| (Cancel) Submit   | REASON FOR CH    | ANGE *  |      |        |                      |
| Cancel Submit   |                  |         |      |        |                      |
| Cancel Submit   |                  |         |      |        |                      |
| Cancel Submit   |                  |         |      |        |                      |
|   |                  |         |      |        | Cancel Submit        |

# Forms (CRFs)

Forms are made on repository level and shared between the projects. Assigned to events in pipelines. Evaluation form is assigned to all Reading events.

### Odense University Hospital / Forms

### Forms

| Name 👃          | Description 1                | Version ↓↑ | Actions |
|-----------------|------------------------------|------------|---------|
| Evaluation form | Evaluation form DETECT acute | F.1 SIGNED | •       |
| Evaluation form | Evaluation form DETECT acute | F.2 SIGNED | •       |
| Evaluation form | Evaluation form DETECT acute | F.3 DRAFT  | • • • • |
| Lab values      | Laboratory data              | F.1 SIGNED | •       |
| Lab values      | Laboratory data              | F.2 DRAFT  | • • • • |
| Referral        | Referral                     | F.1 SIGNED | •       |
| Referral        | Referral                     | F.2 DRAFT  | • • • • |

## **Evaluation form**

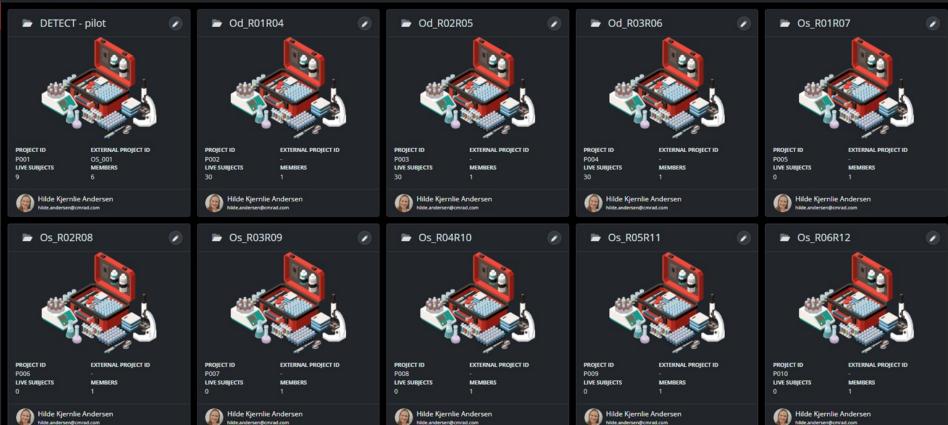
#### Evaluation form DETECT acute

| PRIMARY DIAGNOSIS   |
|---|
| O NO RELEVANT PATHOLOGY O APPENDICITIS W/WO COMPLICATIONS O DIVERTICULITIS W/WO COMPLICATIONS O URINARY TRACT PATHOLOGY, NONMALIGNANT O CHOLECYSTITIS W/WO COMPLICATIONS O GYN ABSCESS O GALL STONE DISEASE |
| 🔿 BOWEL OBSTRUCTION (NONIMALIGNANT, SMALL+LARGE) 🔿 MALIGNANCY 🔿 PERFORATED VISCUS 🔿 BOWEL ISCH/ÆMIA 🔿 BOWEL INFLAMMATION 🔿 HERNIA 🔿 EXTRABBOMINAL DISEASE* 🔿 OTHER ABDOMINAL DISEASE*                       |
| * PLEASE SPECIFY:   |
|   |
| SECONDARY DIAGNOSIS   |
|   |
| 🔿 BOWEL OBSTRUCTION (NONMALIGNANT, SMALL+LARGE) 🔿 MALIGNANCY 🔿 PERFORATED VISCUS 🔿 BOWEL ISCHÆMIA 🔿 BOWEL INFLAMMATION 🔿 HERNIA 🔿 EXTRAABDOMINAL DISEASE* 🔿 OTHER ABDOMINAL DISEASE*                        |
| * PLEASE SPECIFY:   |
|   |
| INCIDENTAL FINDING  |
|   |
| DIAGNOSTIC CONFIDENCE   |
| O NO CONFIDENCE O LOW CONFIDENCE O MODERATE CONFIDENCE O CERTAIN DIAGNOSIS  |
| OVERALL IMAGE QUALITY   |
| BAD-NONDIAGNOSTIC O POOR O ACCEPTABLE O GOOD O EXCELLENT  |
| OVERALL IMAGE NOISE   |
|   |

# Projects in repository

Odense University Hospital / Projects Odense University Hospital

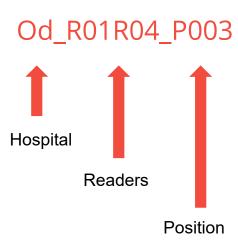
+ New project Block access from NEXT



# Subject IDs

Odense University Hospital / Od\_R01R04 / Pipeline

Syntax:



| Od. R01R04_P002         Stage 1         D <thd< th="">         D         <thd< th=""> <thd< th=""></thd<></thd<></thd<>   |    |                   |         |         | View pipeline 🕶 🚥 |
|---|----|-------------------|---------|---------|-------------------|
| Od_R01R04_P002         Stage 1         D <thd< th=""> <thd< th=""> <thd< th=""> <thd< th=""></thd<></thd<></thd<></thd<>  |    | Pipeline progress | Stage 👃 | site ↓† | Subject ID 1      |
| Od_R01R04_P003         Stage 1         D  | •• |                   | Stage 1 |         | Od_R01R04_P001 •  |
| Od_R01R04_P004         Stage 1         D_   | •• |                   | Stage 1 |         | Od_R01R04_P002 •  |
| Od_R01R04_P005       Stage 1       D  | •• |                   | Stage 1 |         | Od_R01R04_P003 •  |
| Od_R01R04_P006       Stage 1       D  | •• |                   | Stage 1 |         | Od_R01R04_P004 •  |
| Od_R01R04_P007       Stage 1       P  | •• |                   | Stage 1 |         | Od_R01R04_P005 •  |
| Od_R01R04_P008         Stage 1         D <thd< th=""> <thd< th=""> <thd< th=""> <thd< th=""></thd<></thd<></thd<></thd<>  | •• |                   | Stage 1 |         | Od_R01R04_P006 ●  |
| Od_R01R04_P009       Stage 1       N  | •• |                   | Stage 1 |         | Od_R01R04_P007 •  |
| Od_R01R04_P010         Stage 1         D <thd< th=""> <thd< th=""> <thd< th="">         D</thd<></thd<></thd<>  | •• |                   | Stage 1 |         | Od_R01R04_P008 ●  |
| Od_R01R04_P011 •       Stage 1       P <td>••</td> <td></td> <td>Stage 1</td> <td></td> <td>Od_R01R04_P009 •</td>   | •• |                   | Stage 1 |         | Od_R01R04_P009 •  |
| Od_R01R04_P012     Stage 1       Od_R01R04_P013     Stage 1       Od_R01R04_P014     Stage 1       Od_R01R04_P015     Stage 1       Od_R01R04_P016     Stage 1       Od_R01R04_P017     Stage 1   | •• |                   | Stage 1 |         | Od_R01R04_P010 •  |
| Od_R01R04_P013     Stage 1       Od_R01R04_P014     Stage 1       Od_R01R04_P015     Stage 1       Od_R01R04_P016     Stage 1       Od_R01R04_P017     Stage 1  | •• |                   | Stage 1 |         | Od_R01R04_P011 •  |
| Od_R01R04_P014         Stage 1         Dial         Dial <thdial< th="">         Dial         Dial</thdial<> | •• |                   | Stage 1 |         | Od_R01R04_P012 •  |
| Od_R01R04_P015     Stage 1       Od_R01R04_P016     Stage 1       Od_R01R04_P017     Stage 1  | •• |                   | Stage 1 |         | Od_R01R04_P013 •  |
| Od_R01R04_P016         Stage 1         D  | •• |                   | Stage 1 |         | Od_R01R04_P014 •  |
| Od_R01R04_P017 • Stage 1  | •  |                   | Stage 1 |         | Od_R01R04_P015 ●  |
|   | •  |                   | Stage 1 |         | Od_R01R04_P016 ●  |
| Od_R01R04_P018 • Stage 1  | ÞÞ |                   | Stage 1 |         | Od_R01R04_P017 •  |
|   | •  |                   | Stage 1 |         | Od_R01R04_P018 •  |
| Od_R01R04_P019  Stage 1   | •  |                   | Stage 1 |         | Od_R01R04_P019 •  |
| Od_R01R04_P020         Stage 1         >>>>>>>>>>>>>>>>>>>>>>>>>>>>   | Þ  |                   | Stage 1 |         | Od_R01R04_P020 •  |

# Project pipelines - Events and assigned roles

| Odense University Hospital / Od_R01R04<br>Edit Pipeline (P3 DESIGN | / Pipeline v.5▼  |   |  |   |  |             |   |
|--|--|---|--|---|--|-------------|---|
| Stage 1 🔺  |  |   |  |   |  |             |   |
| Upload :<br>ID. 501E001<br>ROLES<br>Project owner<br>STD           | Lab values<br>ID. 501E002<br>ROLES<br>Project owner<br>STD | : | Referral<br>ID. 501E003<br>ROLES<br>Project owner<br>STD | : | Od_Read<br>ID. S01E004<br>ROLES<br>Od_R01        | L_01        | Ŧ |
| 🌣 Configure  | 🌣 Configure  |   | 🗘 Configure  |   |  | 🕸 Configure |   |
|  |  |   |  |   | Od_Read<br>ID. S01E005<br>ROLES<br>Od_R04<br>STD | I_04        |   |
|  |  |   |  |   |  | 🗘 Configure |   |

# Pipeline progress

Signed events are green!

This can be viewed by admins only

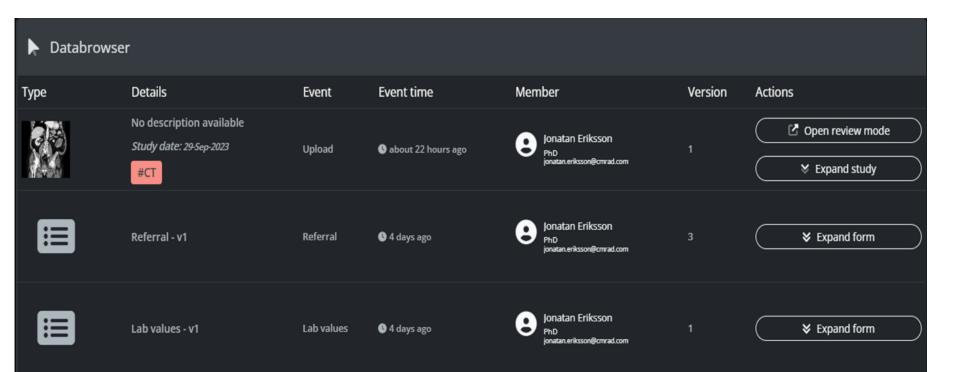
Odense University Hospital / DETECT - pilot / Pipeline

| <u> </u>    | •          |                |         |          |          |          |   |   |   |   |   |
|-------------|------------|----------------|---------|----------|----------|----------|---|---|---|---|---|
| Subject ID  | <b>↓</b> ↑ | site <b>↓1</b> | Stage ↓ | Pipeli   | ine proş | gress    |   |   |   |   |   |
| Ts_All_P001 | •          |                | Stage 1 | <b>~</b> | <b>~</b> | <b>~</b> | • | • | • |   | • |
| Ts_All_P002 | •          |                | Stage 1 |          | <b>~</b> | <b>~</b> | • | • | ► |   | • |
| Ts_All_P003 | •          |                | Stage 1 |          | <b>~</b> | <u>~</u> | • | • | ► |   | • |
| Ts_All_P004 | •          |                | Stage 1 |          | <b>~</b> | <u>~</u> | • | • | ► |   | • |
| Ts_All_P005 | •          |                | Stage 1 |          | <b>~</b> | <b>~</b> | • | • | • |   | • |
| Ts_All_P006 | •          |                | Stage 1 | •        | <b>~</b> | <u>~</u> | • | • | ► |   | • |
| Ts_All_P007 | •          |                | Stage 1 | •        | <b>~</b> | <u>~</u> | • | • | ► |   | • |
| Ts_All_P008 | •          |                | Stage 1 |          | <b>~</b> | <b>~</b> | ₩ | • | ► | ► | • |
| Ts_All_P009 | •          |                | Stage 1 | •        | <b>~</b> | <b>~</b> | • | • | ► | • | • |

# Readers tasklist

| COLLECTIVE MINDS RADIOLOGY |  |             | 🗃 Workspace 🔻 🌲          | <b>R</b> ] ⊖ - | C Dark |
|----------------------------|--|-------------|--------------------------|----------------|--------|
| DETECT - pilot<br>Project  | Odense University Hospital / DETECT - pilot / Tasklist<br>Tasklist |             |                          |                | :=     |
| i <b>⊒</b> Tasklist        | Event task Ts_All_P001 Os_Read_02, Stage 1                         | ► Run event | <b>T</b> F               | ILTER          |        |
|                            |  | D hun cicia | Subject ID<br>Subject ID |                |        |
|                            | Event task Ts_All_P002 Os_Read_02, Stage 1                         | ► Run event | Event Status             |                |        |
|                            |  |             | *                        | !              |        |
|                            | Event task Ts_All_P003 Os_Read_02, Stage 1                         | Run event   | Task Status<br>Pending   | Completed      |        |
|                            | Event task Ts_All_P004 Os_Read_02, Stage 1                         | ▶ Run event |                          |                |        |
|                            | Event task Ts_All_P005 Os_Read_02, Stage 1                         | ▶ Run event |                          |                |        |
|                            | Event task Ts_All_P006 Os_Read_02, Stage 1                         | ▶ Run event |                          |                |        |
|                            | Event task Ts_All_P007 Os_Read_02, Stage 1                         | ▶ Run event |                          |                |        |
|                            | Event task Ts_All_P008 Os_Read_02, Stage 1                         | ▶ Run event |                          |                |        |
|                            | Event task Ts_All_P009 Os_Read_02, Stage 1                         | ▶ Run event |                          |                |        |

## **Reader Dashboard**



# View of lab values and referral/indication

| Databrowse              | r  |                  |                                 |   |         |                                   |                                   |                       |   |                 |
|-------------------------|--|------------------|---------------------------------|---|---------|-----------------------------------|-----------------------------------|-----------------------|---|-----------------|
| уре                     | Details  | Event            | Event time                      | Member  | Version | Actions                           |                                   |                       |   |                 |
|                         | No description available<br>Study date: 29-Sep-2023<br>#CT | Upload           | 🔇 about 22 hours ago            | Jonatan Eriksson<br>PhD<br>jonatan eriksson@cmrad.com |         | Open review mode     Expand study |                                   |                       |   |                 |
|                         | Referral - v1  | Referral         | 4 days ago                      | Jonatan Eriksson<br>PhD<br>jonatan eriksson@cmrad.com | 3       | Second Form                       | Lab values -v1                    | Labvahes 🌒 é deyn ego | <b>O</b> jondan Erikozon<br>Prefaranskica djovat an | ♠ Callapse form |
|                         | Lab values - v1  | Lab values       | 🔇 4 days ago                    | Jonatan Eriksson<br>PhD<br>jonatan eriksson@omrad.com | 1       | Expand form                       | Lab values<br>Hyb<br>5:5<br>Lenko |                       |   |                 |
|                         | Referral - v1  | Referral         | 🔮 4 days ago                    | Jonatan Eriksson<br>PhD<br>jonatan eriksson@onrad.com | 3       | Collapse form                     | 143<br>CRP<br>20<br>AT<br>15      |                       |   |                 |
| Referral                |  |                  |                                 |   |         |                                   | GT<br>22<br>Bilirubin<br>13       |                       |   |                 |
| Tidligere miltskade. Ir | nnkommer septisk, misstenke UVI. Klart                     | palpasjonsøm abd | ve nedre kvadrant hvor han er o | operert. Ikke slippøm. subileus? divertikuli          | itt?    |                                   | Amylase                           |                       |   |                 |
| Indication              |  |                  |                                 |   |         |                                   | 30<br>Lactate<br>1.2              |                       |   |                 |
|                         |  |                  |                                 |   |         |                                   | Creatinine<br>99                  |                       |   |                 |

# Suggested setup with two screens

| © 11,41,0001-05,Read (0: Run x + ×   | Viewer Collective Minds® por x +   | v - 🗆 X                                |
|--|--|--|
| ← → C 🔹 cmmad.com/research/repository/1edc4bd1-0cc1-668c-8bb1-0a146d964a4a/project/cf7lc9b7-368e-4524-bc3e-6ce4d7eda989/pipeline/b71be Q, 🖄 🖈 🗖 😗 (Error ‡)  | ← → C ( i viewer-ro.cmrad.com/view.html  | 🖻 🖈 🗖 📵 (fror 🔅                        |
| Country was sources  | COLLECTIVE Q 🔬 , Q   |  |
| Oderne University Hospital / DEIECI -pite / Replice / Ge_Read_92           Ose, Read_92 = =>   |  |  |
| 10 SO1006  | CT 2023-09-29   Revolution CT DETECT A: Bevolution CT DETECT Cor 2023-09-29  2023-09-20 2023-09  2023-09-20 2023-09  2023-09  2023-09-20 202 202 202 202 202 202 202 202 202 | Revolution CT DETECT Sag<br>2023-09-29 |
| Databrowser      Type Details been been Winsion Actions      culour  | CT 1/206 DETECT Ax   |  |
| supers   | ( Tartad)  |  |
| Disclophical         Defined         Disclophical         Disclophical |  |  |
| Referral v-1 Referral @ Logings 🕒 Index Inform 3 🛛 ¥ Liqued form   |  |  |
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| Lað tallans - vit Lað tallans 🛛 🕹 Kalaystage 🏼 😌 markafar fölkönn 1. 🛛 ¥ Anganiel förm   |  |  |
| Evaluation form  | L ACOM   |  |
| Evaluation form  | CT 3/162 DETECT Sag. ③   |  |
|  |  |  |
| Primary Bugronis   |  |  |
| Cholecystitis w/wo complications Parcreatitis w/wo complications GrN Chocess Gal store disease   |  |  |
| Dowel obstruction (normalignent, small-large)     Malignancy     Perforated viscus     Bowel inflammation     Hernia     Datavabdominal disease*     Other abdominal disease*  |  |  |
| +Phana specify:  |  |  |
|  |  |  |
|  |  | A A A A A A A A A A A A A A A A A A A  |
| Secondary diagnosis  |  |  |
| 🔿 No relevant pathology 🔿 Appendicities where complications 🔿 Eliverticulities where complications 🔿 Unitary tract pathology, nonmalignant   |  | A COLORING                             |
| Cholicystitis w/wo complications Pancreatitis w/wo complications OffN Abscess Guil store divease Bewel elstruction (normalignant, small-large) Malignancy Perforated viscus Bewel inflammation   |  |  |
| Hernia      Extraaddominal disease*  |  |  |
| *Please specify:   |  |  |
|  |  |  |
|  |  |  |
| Inskintal finding  |  |  |
| Adduminaliperki: tamor Thorack pathology Bonelioti tissue pathology Deep vein thrombools Fracture Anterhalipartial pathology   |  |  |
|  |  |  |
| Na cantidence 🔿 Levr cantidence 🔿 Moderate contidence 🔿 High cantidence 🔿 Cantain diagnosis  |  |  |
| Overal image quality   | Z 0.67 Z 0.33  | Z 0.33                                 |
| ) • 🐨 🐨 🔹  | W: 350 L50 W: 350 L50<br>S: ク 90 / 206 S: ク 55 / 121   | ₩:350 L:50<br>S: I 70 / 162            |

## **Result tables**

Result table for each project is customizable, and can be exported as .csv. Access controlled.

| DETECT - pilot<br>Project |         | Odense University Hospital / DETECT - pilot / Results R.1  Results R. results |  |  |                                       |  |  |  |                                       |                                       |  |                                    |
|---------------------------|---------|--|--|--|---------------------------------------|--|--|--|---------------------------------------|---------------------------------------|--|------------------------------------|
| Tasklist                  | Stage ↓ | SubjektlD ↓↑   | Stage 1<br>Os_Read_01<br>Evaluation form | Stage 1<br>Os_Read_01<br>Evaluation form | Stage 1 Os_Read_01<br>Evaluation form | Stage 1 Os_Read_01<br>Evaluation form<br>please_specify_if_secondary | Stage 1<br>Os_Read_01<br>Evaluation form | Stage 1 Os_Read_01<br>Evaluation form<br>diagnostic_confidence | Stage 1 Os_Read_01<br>Evaluation form | Stage 1 Os_Read_01<br>Evaluation form | Stage 1<br>Os_Read_07<br>Evaluation form | Stage 1<br>Os_Read_0<br>Evaluation |
| Dashboard                 |         |  | primary_diagnosis                        | please_specify_if                        | secondary_diagnosis                   | please_specify_if_secondary  | incidental_finding                       | diagnostic_confidence  | overall_inage_quality                 | overall_image_hoise                   | primary_diagnosis                        | please_spe                         |
| Pipeline                  | Stage 1 | Ts_All_P009  |  |  |                                       |  |  |  |                                       |                                       |  | -                                  |
| A Members                 | Stage 1 | Ts_All_P008  |  |  |                                       |  |  |  |                                       |                                       |  | -                                  |
| Sites                     | Stage 1 | Ts_All_P007  |  |  |                                       |  |  |  |                                       |                                       |  | -                                  |
| 👗 Subjects                | Stage 1 | Ts_All_P006  |  |  |                                       |  |  |  |                                       |                                       |  | -                                  |
| Results                   | Stage 1 | Ts_All_P005  |  |  |                                       |  |  |  |                                       |                                       |  | -                                  |
|                           | Stage 1 | Ts_All_P004  |  |  |                                       |  |  |  |                                       |                                       |  | -                                  |
|                           | Stage 1 | Ts_All_P003  |  |  |                                       |  |  |  |                                       |                                       |  | -                                  |
|                           | Stage 1 | Ts_All_P002  |  |  |                                       |  |  |  |                                       |                                       |  | -                                  |
|                           | Stage 1 | Ts_All_P001  |  |  |                                       |  |  |  |                                       |                                       |  | -                                  |