

Bruk av teamplay Protocols i Trondheim

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Hva er teamplay Protocols

- Hva er det?
 - Opsjon hos Siemens
 - Tillater online protokoll-*management* og endring av protokoller
 - Tillater å rulle ut eksisterende protokoller

2

SIEMENS

Healthineers

teampay Protocols

?

🔔

📅 St

Scanner list

Protocol explorer

Change log

Protocol hub

Job view

Filter & Search

🔍 Search

Categories

All categories

Modality types

All modality types

1 item(s)

⌵

⌶

+

🔍

TRD CT Somatom X.ceed

SOMATOM X.ceed, syngo CT VA40A

382 protocols

Siemens Healthineers

🔔

TRD CT Somatom X.ceed

Last successful fetch from scanner on 03.11.2025 19:44

Protocol tree

Contrast protocols

Decision trees

Activity history

Configuration

Protocol tree

Origin

Customer protocols

Visibility

Visible protocols

Body size

All body sizes

191 protocol(s)

Expand all

Collapse all

☐

Protocol name

Tags

Version

> Anatomy Region

⌵ Vessel Region

⌵ Vascular Head

⌵ Adult

CTV Cerebral Venografi

CTA Sirkulasjonsangiografi

CTA Cerebral Angiografi

DE CTA Cerebral Angiografi

> Vascular Neck

3

Protocol versions

🔍 Compare multiple versions

17.07.2024

16:05

03.12.2024

20:35

16.12.2024

14:30

18.06.2025

13:18

CT scan parameters (6)

CT recon parameters (7)

> General

⌵ Topogram

Topogram 0.60 Tr20 cor MPR

CT scan parameters (6)

CT recon parameters (7)

Tube Position	kV	Organ Characteristics	CARE kV IQ Level	CARE kV min. kV	CARE kV max. kV	Series Description	Kernel / Algorit...	Slice Thi
Bottom	Sn 100					Topogram 0.60 Tr20 cor MPR	Tr20	
120	Abdomen	170	100	120				
30 Br40 A1 cor MPR Matrix 1						Br40 A1 cor MP...	Br40	3.00
30 Br40 A1 sag MPR Matrix 1						Br40 A1 sag MP...	Br40	3.00
30 Br40 A1 cor iMAR MPR Ma						Br40 A1 cor iMA...	Br40	3.00
30 Br40 A1 sag iMAR MPR Ma						Br40 A1 sag iM...	Br40	3.00
30 Br36 A1 Matrix 512						Br36 A1 Matrix ...	Br36	1.50
30 Br40 A1 FIXAX Matrix 512						Br40 A1 FIXAX ...	Br40	3.00
30 Br40 FIXAX iMAR Matrix 5						Br40 FIXAX iMA...	Br40	3.00
30 Br36 A1 iMAR Matrix 512						Br36 A1 iMAR M...	Br36	1.50

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Scanner listProtocol explorerChange logProtocol hubJob view

Reported Changes410 protocol(s)

Date rangeLast 365 days

Search

Approved

Approved

Approved

Follow up

Open

Approved

Approved

Filters

Date rangeLast 365 days

CategoriesAll categories

Modality typesAll modality types

StatusAll status

All status

☐ Approved

☒ Open

☐ Follow up

☐ Ignored

ApplyCancel

Open

Open

11.2.202420:30

18.09.202517:32

Adult

Abdomen

Abdomen

ScanplanningTopoAdultSn

ScanplanningTopoAdultSn

Off

Acquisition [mm]6 x 0.60

Scan DirectionHead to Feet

Table DirectionOut

Patient PositionFeet First - Supine (FFS)

Tube PositionBottom

Topo Length [mm]512

kVSn 100

Comments

Type your comment here

TRD CT Somatom X.ceedSOMATOM X.ceed syngo CT VA40A

Show differences only

18.09.2025 17:32 (latest)

Approve

Open

General

Topogram

Patient TypeAdult

Target RegionAbdomen

FAST Topo RegionAbdomen

Scan ModeScanplanningTopoAdultSn

Accessible Scan ModesScanplanningTopoAdultSn

Strategy ReviewOff

Acquisition [mm]6 x 0.60

Scan DirectionFeet to Head

Table DirectionIn

Patient PositionFeet First - Supine (FFS)

Tube PositionBottom

Topo Length [mm]512

kVSn 100

Comments

Type your comment here

5

Scanner listProtocol explorerChange logProtocol hubJob view

Reported Changes410 protocol(s)

Date rangeLast 365 days

Search

Approved

Approved

Approved

Follow up

Approved

Approved

Approved

Filters

Date rangeLast 365 days

CategoriesAll categories

Modality typesAll modality types

StatusAll status

All status

☐ Approved

☒ Open

☐ Follow up

☐ Ignored

ApplyCancel

Open

Approved

11.2.202420:30

18.09.202517:32

Head to Feet

Out

Head to Feet

Out

Comments

Type your comment here

TRD CT Somatom X.ceedSOMATOM X.ceed syngo CT VA40A

Show differences only

18.09.2025 17:32 (latest)

Reopen

Approved

Topogram

Scan DirectionFeet to Head

Table DirectionIn

UrinveierSeiserie

Scan DirectionFeet to Head

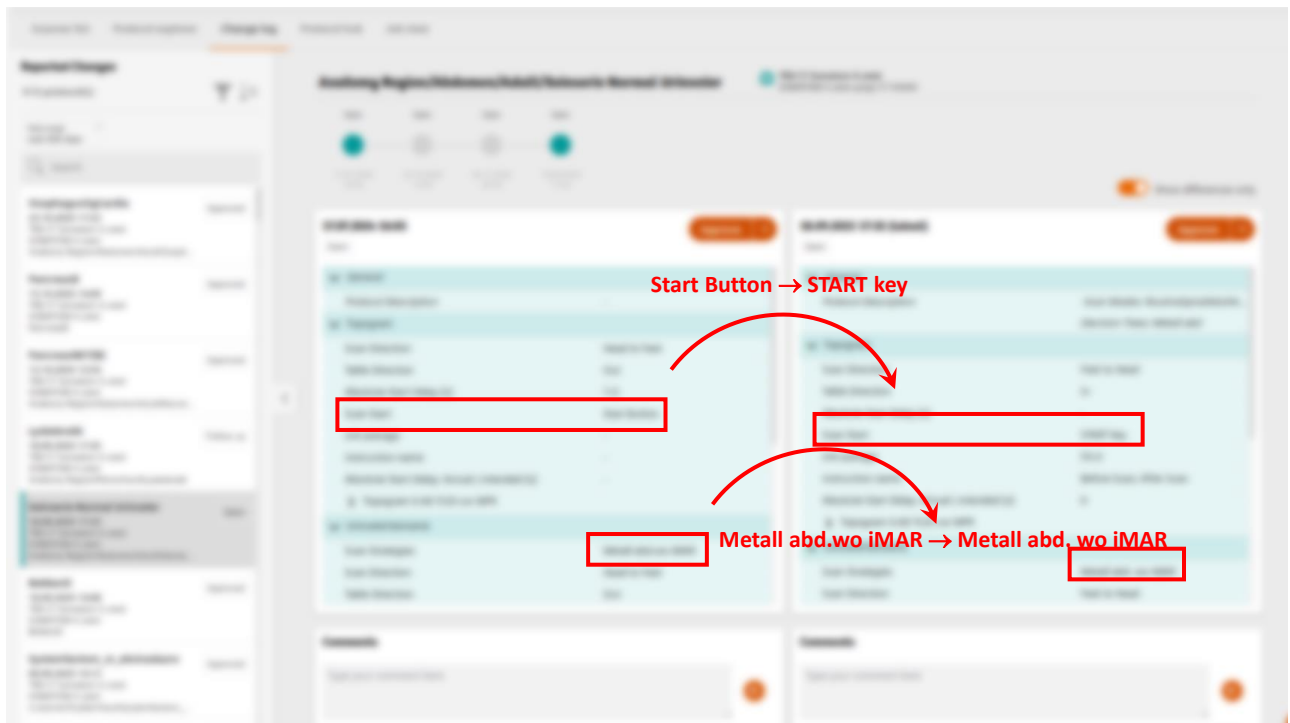
Table DirectionIn

Comments

Type your comment here

6

3



7

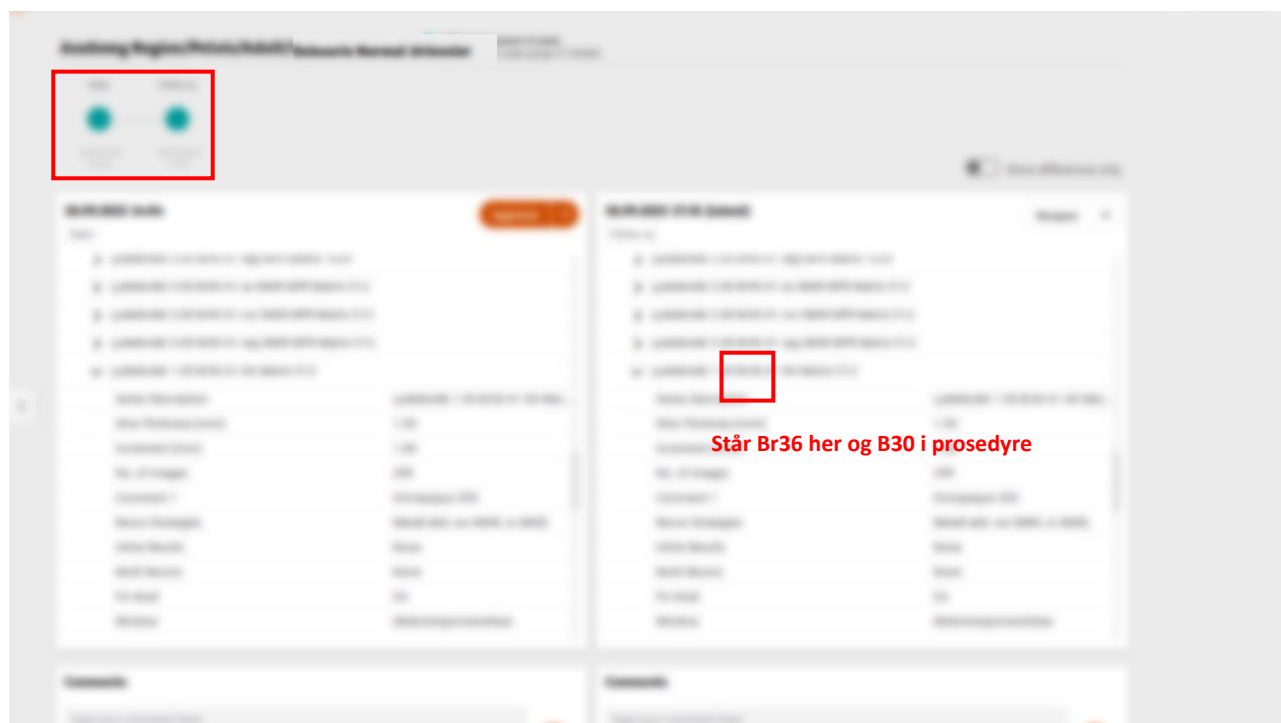
Hvilke endringer?

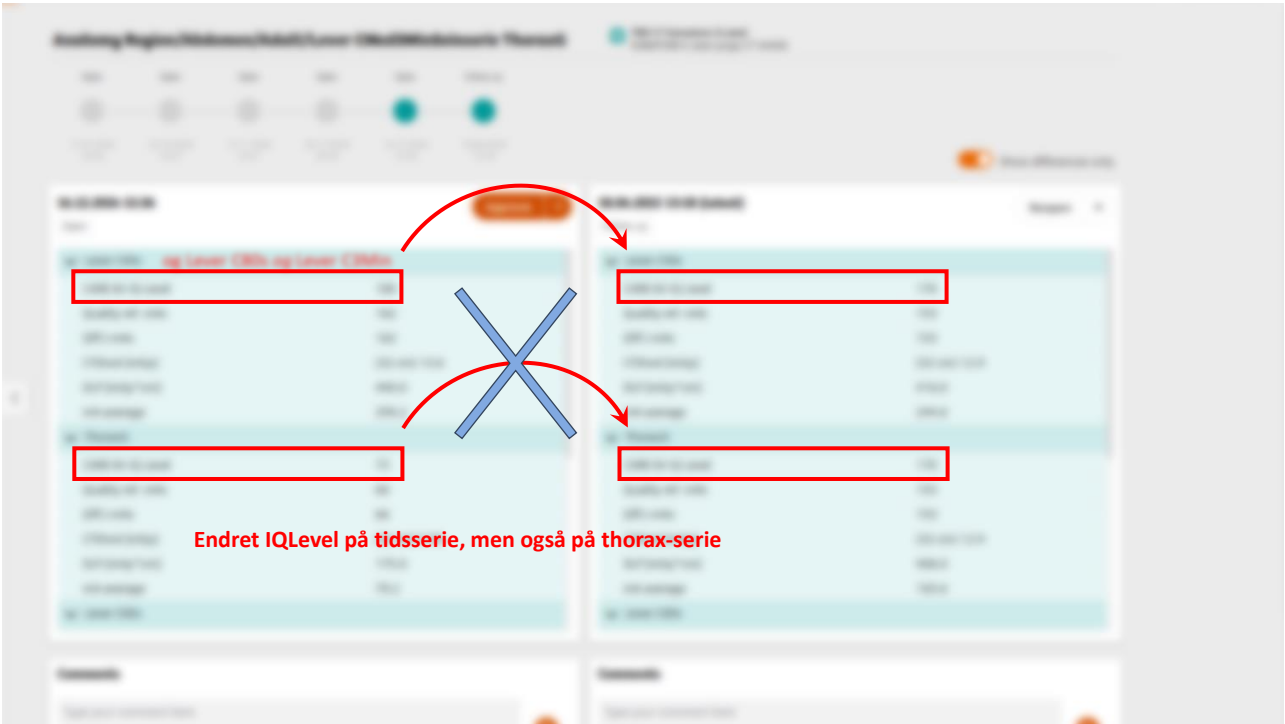
- Alt...
 - Head to Feet → Feet to Head
 - Bløt kernel → bløtere kernel
 - Navn/benevninger
 - Metall abd.wo iMAR → Metall abd. wo iMAR
 - Start Button → Start Key
 - ...
 - Lagt til/slettet recon/serie/protokoll
 - Endret doseinnstillinger
 - ...
- Får ukentlig oppsummering
 - Forsøker å vurdere om virker greit

8

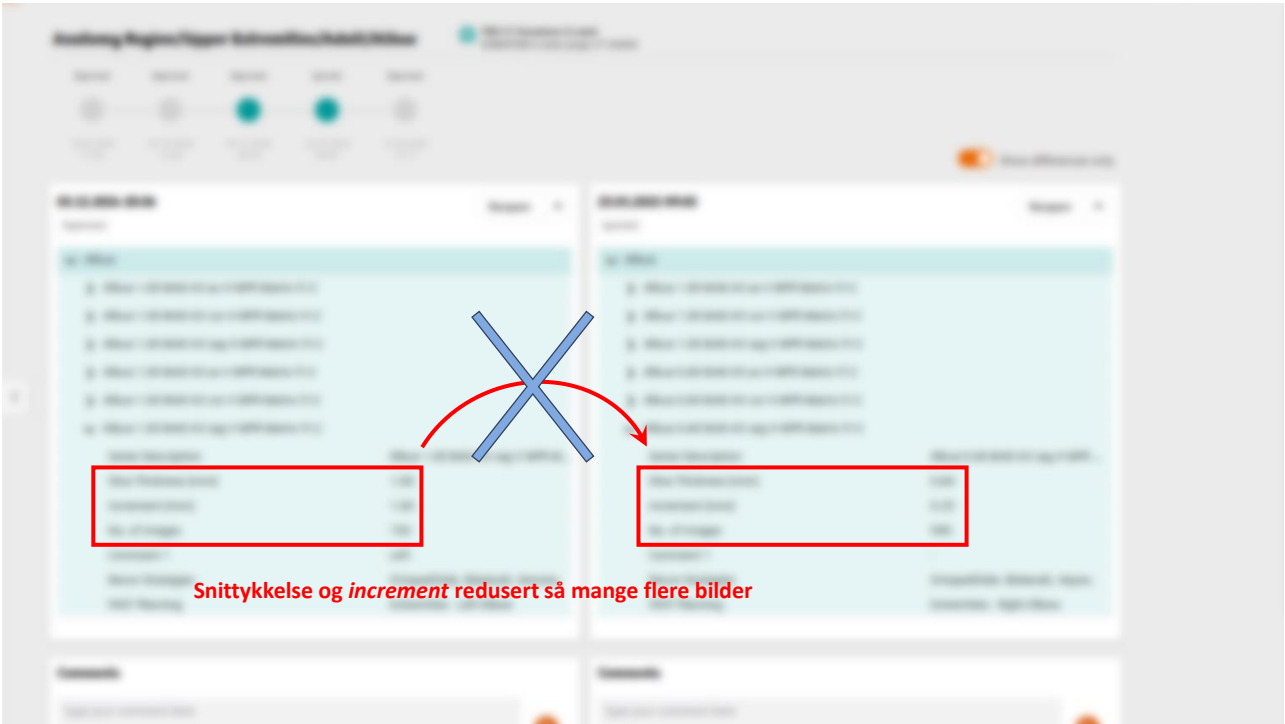
Vi har tenkt...

- Faktisk...
- Til hjelp, ikke ekstra belastning
- *Change log* fysikerområde
 - Åpent for «alle» – skriver snilt
- Ser over alle endringer
 - Ofte ubetydelig endring
 - Overfladisk ved rekon
 - Grundigere ved
 - Doseendringer
 - Nye protokoller
 - Potensiale for å lære...
- Definert bruk for statusene
 - Open
 - Til den ikke er det...
 - Follow up
 - aktuell fagradiograf eller CT-møter
 - Approve
 - Vi godtar ikke endring/protokoll
 - Ut av listen
 - Ignore
 - Slettet protokoll, testprotokoller, factory-endring
- Justere kurs etter erfaring





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Remote på *Protocol Management*

- Låser software
 - Skanner ved gammel software
 - Exam Designer ved ny
- Hvis skanner slås av...



teampay-familien...

- Noe annet
 - teampay Dose – som DoseTrack(?)
 - teampay Usage – monitorerer bruk (?)
 - teampay Fleet – apparatoversikt
 - Servicerapporter
 - Planlagte Siemens-aktiviteter
 - Software-versjon
 - ...



Oppsummering

- Med teamplay Protocols kan man oppdage større og mindre brukerfeil
 - Endringer
 - Avvik mot prosedyre
 - Forskjeller mellom ulike CT-er
- Mulig å bruke for mye tid der
- Greit å gjøre noen avklaringer om bruk
 - Hva som menes med «Approve»
- Takk for meg!

- Bare spør meg dersom noen ønsker ekstra informasjon - jeg har gjort noe informasjon «blurry»