

Educatieve video

NAV, 5 jan. 2019

O.P.(Paul) Gobée,
Afd. Anatomie & Embryologie
Leids Universitair Medisch Centrum,
Leiden, Netherlands
o.p.gobee@lumc.nl

Videoclips maken software

Verlanglijstje

- Gratis
- Schermopname met geluid
- Schermopname van deel van scherm
- Beeldkwaliteit goed
- Knippen stuk video
- Geluid in/uit fade
- Overgang
- Beeld invoegen, still
- Video invoegen
- Uitvoerformaat bruikbaar in PPT

Bronnen

Google : 'free screencast software', vervolgens ook naar niet gratis gekeken.

<https://www.techradar.com/news/the-best-free-screen-recorder> TR

<http://www.vernieuwenderwijs.nl/5-gratis-screencast-programmas/> VR

<https://elearningindustry.com/free-screencast-software-create-high-quality-videos> EL

<https://www.ghacks.net/overview-best-video-screen-capture-software/> GH

<https://www.fractuslearning.com/best-screencasting-software-classrooms/> FR

<https://www.g2crowd.com/categories/screen-and-video-capture> G2

<https://learn.g2crowd.com/free-screen-capture-software> G2

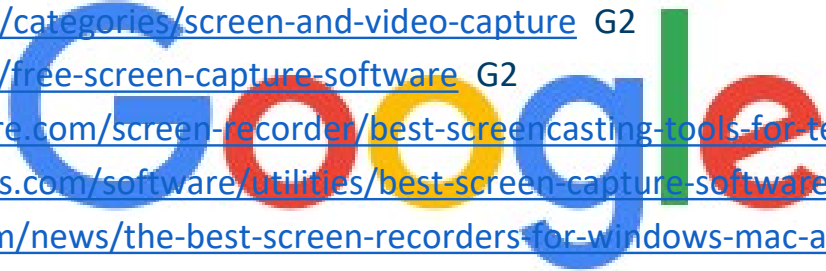
<https://filmora.wondershare.com/screen-recorder/best-screencasting-tools-for-teachers.html> FL

<https://www.toptenreviews.com/software/utilities/best-screen-capture-software/> TT

<https://www.techradar.com/news/the-best-screen-recorders-for-windows-mac-android-and-ios>

<https://www.ispringsolutions.com/blog/10-best-screen-recording-software-for-windows-free-and-paid/>

https://en.wikipedia.org/wiki/Comparison_of_screencasting_software



Select the tool you're looking for,
or use the filters to find the most suited tools for the job.

All / Editing Tools / **Recording tools** / Pencasts hardware and software



Camtasia Studio

Recording tool



Jing

Recording tool



myMediasite

Recording tool



Quick Time

Recording tool

TRENDING

CES 2019

Samsung Galaxy S10

iPhone XS

SIM only deals

Broadband

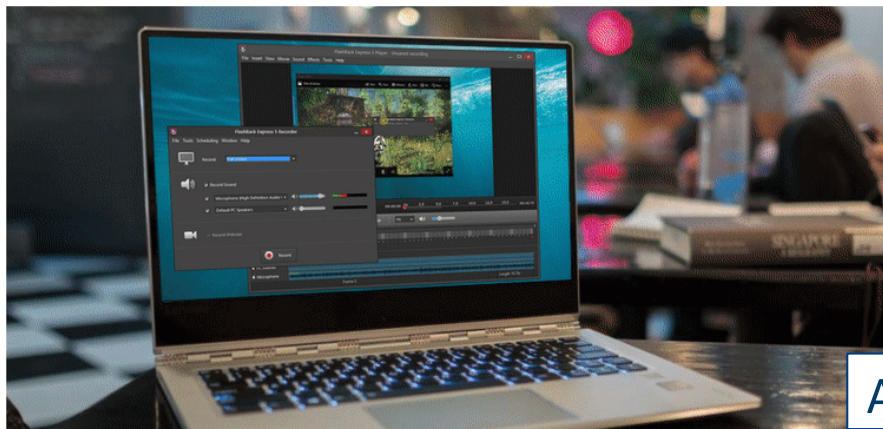
Master Your Smartphone

News > The best free screen recorder 2019

The best free screen recorder 2019

By Cat Ellis 23 days ago [Software](#)

Record or stream games and other software from your desktop



Advertisement



TECH DEALS, PRIZES AND LATEST NEWS

Get the best tech deals, reviews, product advice, competitions, unmissable tech news and more!

Your email address

LEARN MORE

No spam, we promise. You can unsubscribe at any time and we'll never share your details without your permission.

Advertisement

Animated gif, gemaakt met ShareX

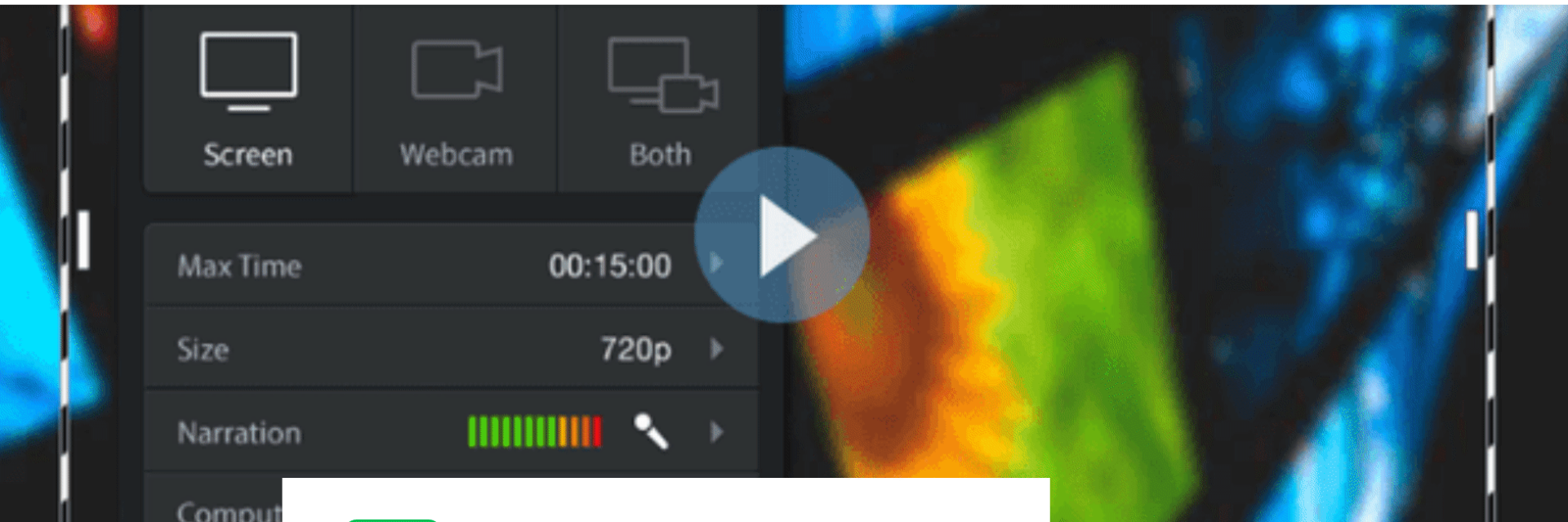
Free video screen capture software programs

Free Programs

- BB FlashBack Express
- Camstudio
- ezvid
- Hypercam
- Jing
- Microsoft Expression Encoder
- MSI Afterburner (**best game recording**)
- Screen Recorder from Rylstim
- Screen2Avi
- Screencast-O-Matic
- Screenpresso
- Screenr
- SmartPixel
- SMRecorder
- Taksi
- TinyTake
- VSDC Free Screen Recorder (**top free**)
- Webinaria


Commercial Programs

- 1AVCapture
- Bandicam
- Camtasia Studio (Top commercial)
- Fraps
- PCHand Screen Capture
- Screen2Exe



APPS EN TOOLS

6 Gratis Screencast Programma's (2018)

 Wessel Peeters  11 januari 2016  2 reacties  7 minuten lezen



Categorieën

Apps en Tools

82

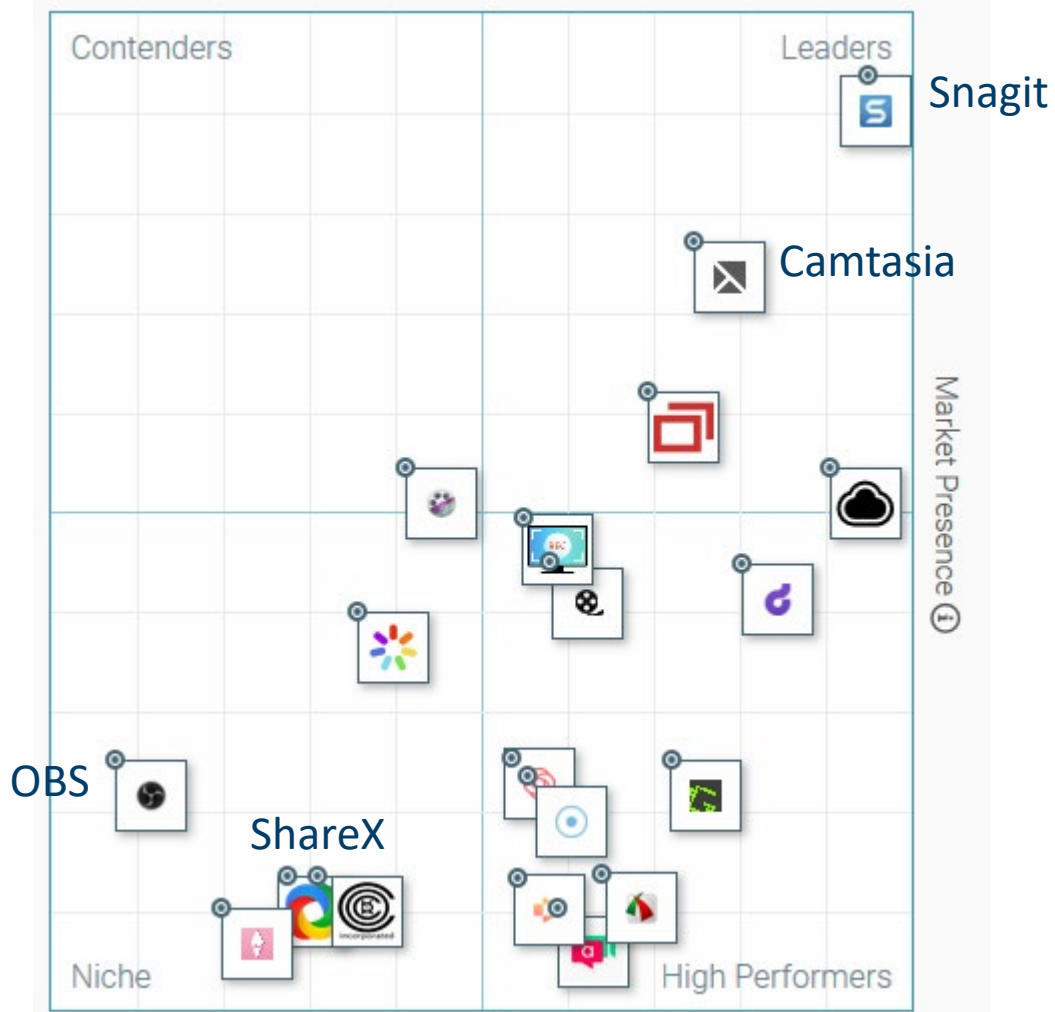
Denken over onderwijs

47

Animated gif, gemaakt met ShareX

7 Of The Best Screencasting Software Tools For Classrooms





Zoveel sites,

zoveel aanbevolen programma's...

Schermpopname typen

Opname van	Formaten	Benaming
Stilstaand beeld	.gif, .jpg, .png, .bmp	<i>Screenshot</i>
Bewegend beeld	.gif (animated gif)	<i>Screencast /screen recording</i>
Bewegend beeld plus geluid	.mp4, .avi, .mov, wmv, .webm, .mkv	<i>Screencast /screen recording</i>

Vaak combi's





Beeld opname	Geluid opname
Gehele scherm	Systeem (geluid van video)
Actieve venster	Externe microfoon
Zelf bepaalde regio	
Webcam	
Grafisch intensieve zaken (games, 3D)	
Cursor mée opnemen	
Tekenen op scherm	
Annotaties	

Bewerken (Edit) mogelijkheden



Edit
Knippen (willekeurig fragment), trim (aan begin of end)
Crop (beeld bijnijden)
Annotaties, pijlen, figuren toevoegen
Still invoegen
Video invoegen
Geluid –fade in/out
Beeld overgangen
Onderdelen combineren, vergroten, verkleinen, draaien
Frame voor frame editen

Export mogelijkheden

Export Formaten

.gif, .jpg, .png, .bmp







.gif (animated gif)

.mp4, .avi, .mov, wmv, .webm, .mkv, Flash

Opslaan op eigen PC

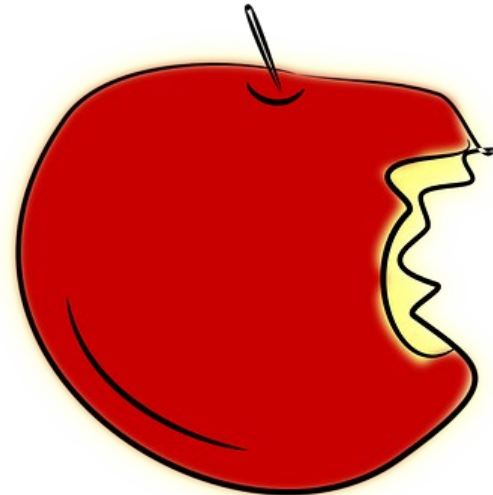
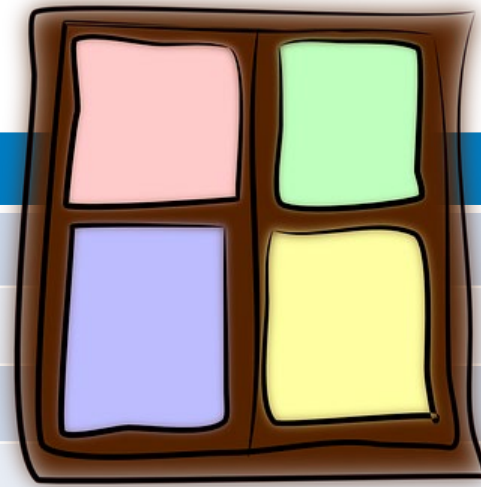
Opslaan (alleen) in cloud

Select Export Format

<input checked="" type="radio"/>  MPEG4 Plays on a wide variety of mobile devices and most PCs. Can be used in HTML video. Learn more...	<input type="radio"/>  AVI Capable of high quality video. Can be used in HTML video if you have a knowledge of video. Learn more...
<input type="radio"/>  Flash Can be embedded on some web pages. Customisable controls. Learn more...	<input type="radio"/>  Windows Media Plays on all PCs but not on mobile devices. High quality and can be used in HTML video. Learn more...
<input type="radio"/>  GIF Plays on all PCs and Macs. Suitable only for smaller, shorter recordings. Learn more...	<input type="radio"/>  QuickTime (H264) Plays on all Macs but not on PCs or mobile devices. High quality and can be used in HTML video. Learn more...

Platform

Platform	
Windows, Mac, Linux	
Browser plugin	
Mobile or tablet	



Screencast software (wat ik vond in beschrijvingen)

Naam, URL	Prijs	Platf	Opname	Bewerken	Export	Bron	Opmerkingen
		Win, Mac, Linux, Browser	HD, Scherm (Geheel, Venster, Selectie) Webcam, Game (video,3D) Audio (Micr, Syst) Cursor opname Annotaties Tekenen	Knippen, Trim Crop, Beeld Invoeg Video Invoeg Geluid (fade), Overgang Frame nauwkeurig	MP4, WMV, AVI, MOV, FLV, GIF, CLouD LiveStream	Zie lijst 'Bronnen screen recorder'	
Activepresenter https://atomisystems.com/activepresenter/	Gratis, betaald: 199\$	Win, Mac	HD, S(G,V,S),W, A(M), Ann	K,T, C, zoom, pan	MP4, AVI, MKV, WebM	EL	EL: editor is meest interessante onderdeel, Betaalde versie om HTML5 interacties te maken.
Apowersoft https://www.apowersoft.com/free-online-screen-recorder	Gratis, Pro: 40\$/jr of eenm 80\$	Brw	S(G,S), W, A (M,S), C, Ann, shapes, framerate instellen	Simpel	MP4, WMV, AVI, FLV, MPEG, VOB, ASF, GIF, CLD	TR, EL	Browser-based dus niet voor games, Desktop versie betaald
Camstudio http://sourceforge.net/projects/camstudio/	Gratis	Win	HD, S(G,S?), A(M,S)	Nee	AVI	GH,VR	GH: Advies om eerst de codec te configureren. VR: beeld soms wat schokkerig, weinig opties, geen webcam
Camtasia	122€ bij Surfspot	Win, Mac	HD, S(G,V,S), W, A(M,S), C (highlight), Ann	K,T,B,V,O, F	?	FR	PG: Marktleider screencast software. Uitgebreid.
Adobe Captivate https://www.adobe.com/nl/products/captivate/buying-guide.html	docent- editie: 483€						PG: niet verder onderzocht. Te duur.

Debut Video Capture https://www.nchsoftware.com/capture/index.html	Gratis	Win, Mac	S, W	Nee	MP4, MOV, AVI	TR, GH	Niet voor games opnemen. TR: Scheduled opnamen van security cameras, in beta
BB Flashback Express https://www.flashbackrecorder.com/express/	Gratis en betaald Pro: \$29/34,50	Win	S(G,V,S), W, A(M,S), C, [G] Pro: Ann	K, T, C, Pro: F, B	MP4, WMV, AVI,	TR, GH	TR: makkelijker dan OBS. Cursor highlighting. https://www.flashbackrecorder.com/echradar/ (pro versie korting) https://www.flashbackrecorder.com/education-discounts/ edu discount
Jing http://www.techsmith.com/jing.html	Gratis	Win, Mac	S(S)	toevoegen pijlen, ann, highlight gebied	CLD of lokaal	GH	GH: UI 'experimental, wat tijd nodig om te leren kennen'
Loom	Gratis	Brw	HD, S, W		CLD	VR,G2	Chrome extensie. VR: Makkelijk. Opslag in cloud. Platform in ontwikkeling
OBS https://obsproject.com/	Gratis	Win, Mac, Linux	HD, S(G), A, HD	VI, BI	MP4, FLV, LS,	TR, EL, VR, G2	TR: complex. Neemt direct van videokaart op, daardoor goed voor high framerate opname (games, 3D), meerdere bronnen combineren (video toevoegen in video), nadruk op live streamen. VR: complex, EL: complex
Screencastify https://www.screencastify.com/	24\$/jaar	Brw	S(G,V), A(M,S), W, C, Ann, Tek	T,C	CLD	FR,G2	Chrome extensie. Standaard gaan opnames naar Google Drive maar je kan ze downloaden. Gratis versie: max 10 min en watermerk.
Screencast-O-Matic https://screencast-o-matic.com/home	15€/jaar	Win, Mac, Brw	HD, S(G, S-beperkte opties-max 1024x768?), W, A(M,S), Tek	VI	MP4, AVI, FLV, MOV, CLD	FR, GH, VR	GH: Java based in browser en install vs. Rood puntje ipv cursor. Gratis versie te beperkt. VR: weinig extra mogelijkheden

ScreenToGif https://www.screentogif.com/	Gratis	Win		PG: anim gif: K,T	GIF	zelf gevonden	PG: Intuïtief. enige (gratis) animated gif editor waarmee je frame voor frame kunt knippen. Export naar MP4 gaat vaak mis (encoder FFmpeg niet goede versie of locatie)
ShareX https://getsharex.com/	Gratis.	Win	S, scrolling webpage	PG: vooral stilstaande afb. editor	GIF, MP4, CLD	TR, G2	TR: minder intuïtief. Niet voor games. PG: Goed voor animated gif maar ook behoorlijk goede mp4 kwaliteit. Animated gif handig in PPT, werkt altijd. Veel andere tools: kleurkiezer, QR code maker, schermlineaal, OCR (PG)
Snagit https://www.techsmith.com/screen-capture.html	27,50€ bij Surfspot.	Win, Mac	S(G,V,S), A(M,S), W, C	T, Editen verder alleen voor screenshot: pijlen, shapes, tekst aanpassen, magic wand	MP4, GIF	FR, VR	PG: Primair voor screenshots. Je kan geen externe video integreren.
VSDC Free Screen Recorder http://www.videosoftdev.com/free-screen-recorder	Gratis	Win	S(S), A(M), C, Tek		MPEG4, alle geïnstalleerde codecs	GH	GH: Eenvoudig, hoge beeldkwaliteit?, Goed voor deel van scherm, andere dan default opslagmap werkt niet, keuze welke monitor opnemen. Oogt wat nerdy/ouderwets

Selectie



- Door meerdere sites genoemd



- Gratis of eenmalig beperkt bedrag (< 30 euro)



- Zelfstandig programma (niet alleen browser extensie)



- Werkend op Windows (niet alleen op Mac of mobiel of tablet werkend)



- Op lokale PC opslaand (niet alleen in de cloud opslaand)



- Opslaan als .mp4 mogelijk (niet alleen .avi of Flash)

- Tijd ongelimiteerd

- Geen watermerk (mag evt. betaalde versie)

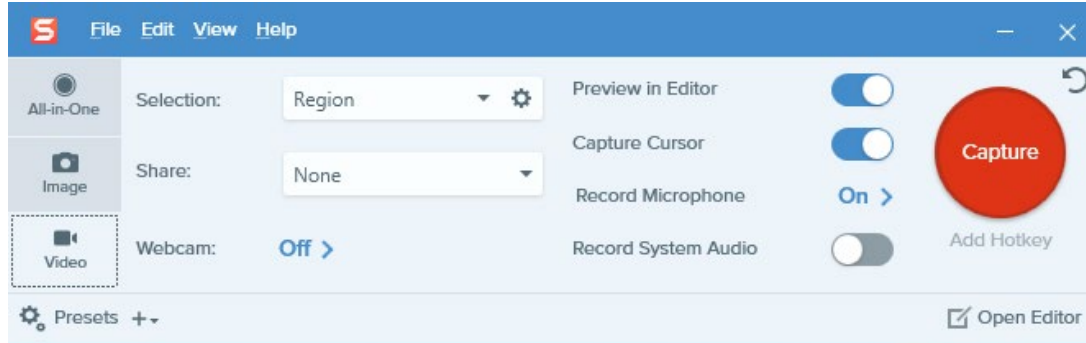
Shortlist

				Shot	Cast	Edit
Snagit	Win, Mac	27,50€ bij Surfspot.	Marktleider (naast het dure Camtasia). Gebruikt door UvA.	X	X	(X)
BB Flashback Express	Win	Gratis en betaald Pro: \$29/ 34,50	No. 2 bij Techradar, 'makkelijker dan OBS'		X	X
OBS	Win, Mac Linux	Gratis	Veel genoemd, no. 1 bij Techradar,		X	
ShareX	Win	Gratis	Al enige tijd zelf gebruikt	X	X	X
ScreenToGif	Win	Gratis	Al enige tijd zelf gebruikt		X (animat ed gif)	X

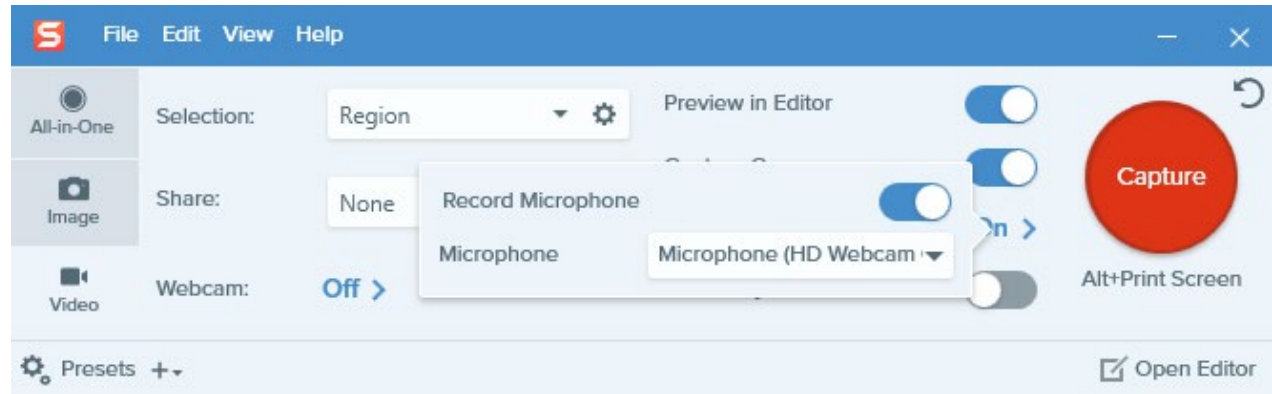
Snagit



Snagit



**Kies video
Kies beeld-bron
en geluid-bron**



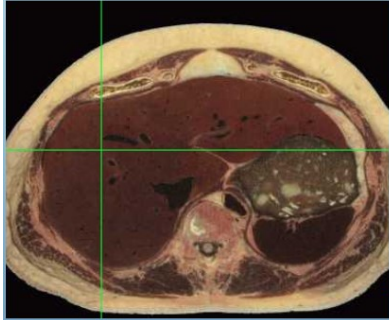
Oeps: Als microphone aanstaat moet je nog wel webcam selecteren

Snagit

Female Visible Human Browser: © 2012 - 2017 D. Jansma & M.C. de Ruiter, dept. of Anatomy LUMC, Leiden. - Mozilla Firefox

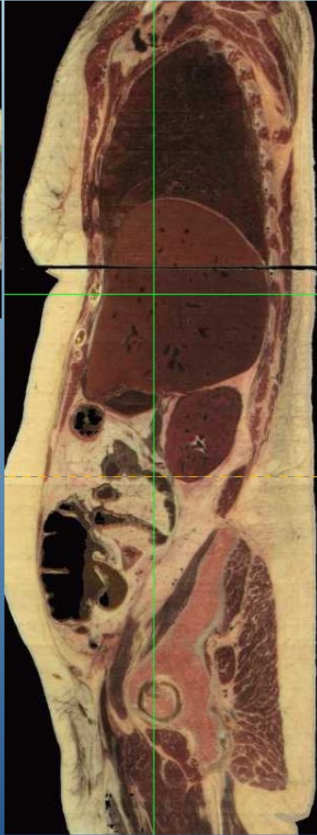
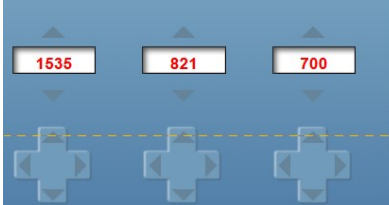
New Tab Female Visible Human Browser: © + Fullscreen F1 for Help

www.caskanatomy.info/browser/html5/fembrowser.html Search

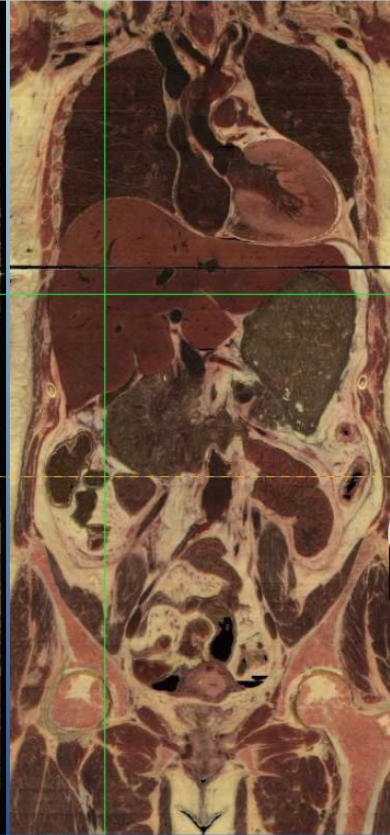


Transversal

1535 821 700

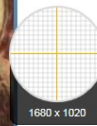


Sagittal



Coronal

Fraaie kruisdraad



© 2012 - 2017 D. Jansma & M.C. de Ruiter, dept. of Anatomy LUMC, Leiden. EN 23:57

Snagit

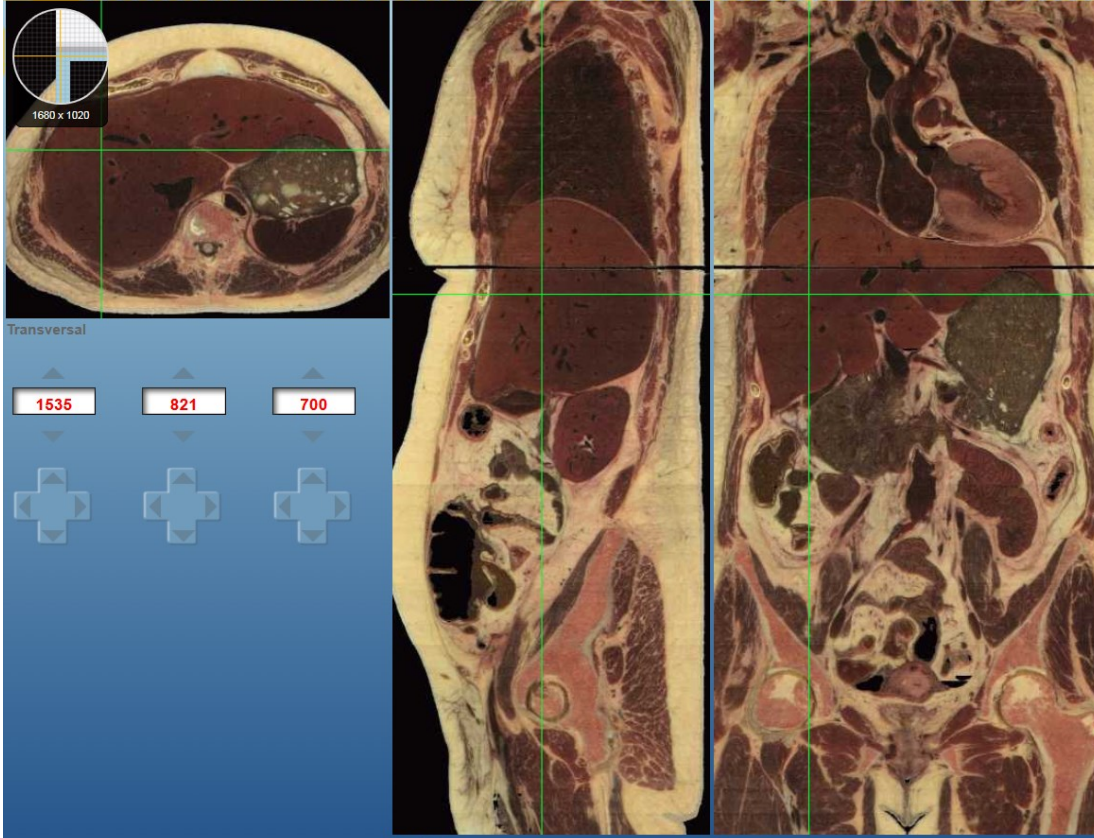
Female Visible Human Browser: © 2012 - 2017 D. Jansma & M.C. de Ruiter, dept. of Anatomy LUMC, Leiden. - Mozilla Firefox

New Tab Female Visible Human Browser: © + Fullscreen F1 for Help

www.caskanatomy.info/browser/html5/fembrowser.html

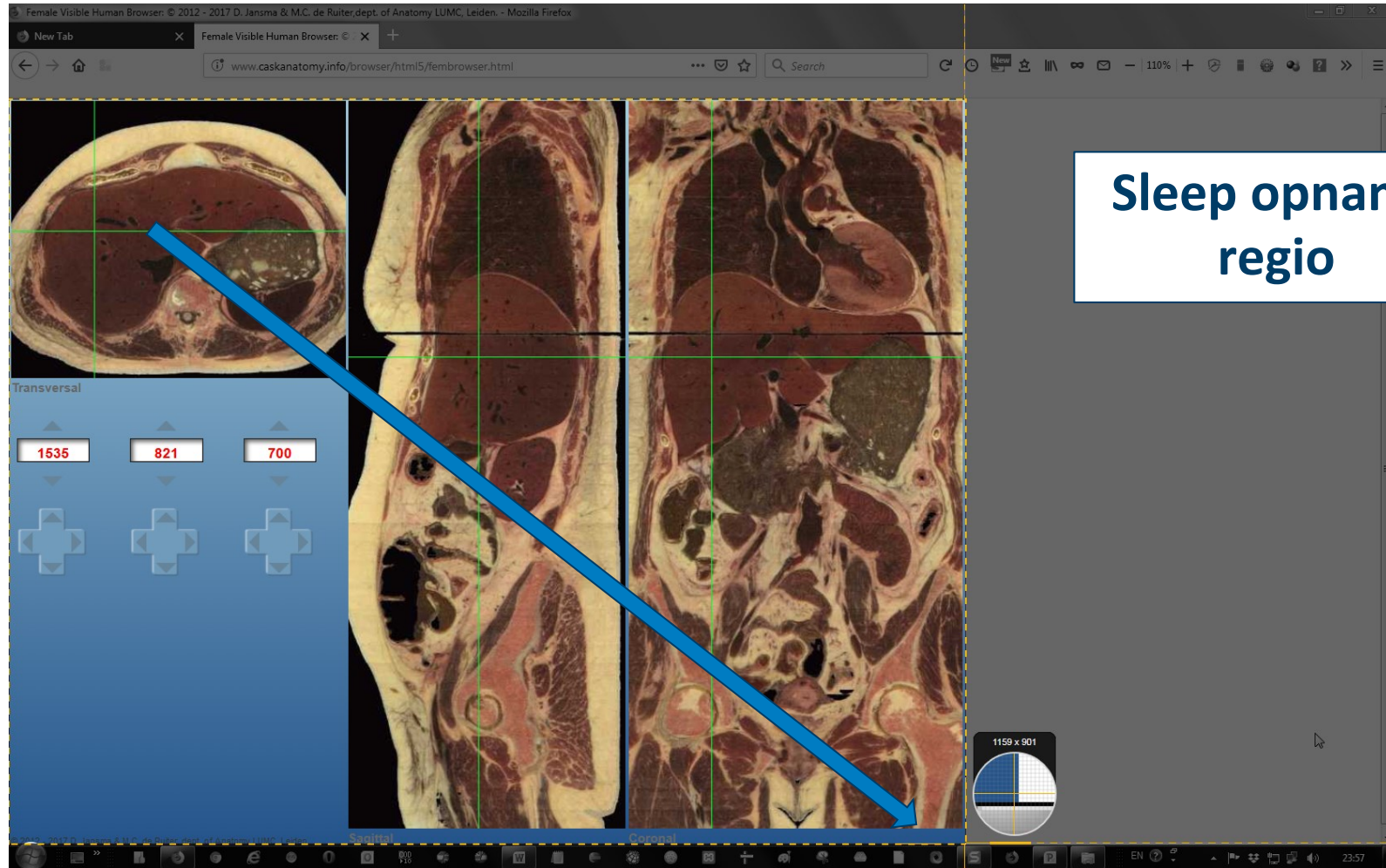
Search

110%



Sleep opname regio

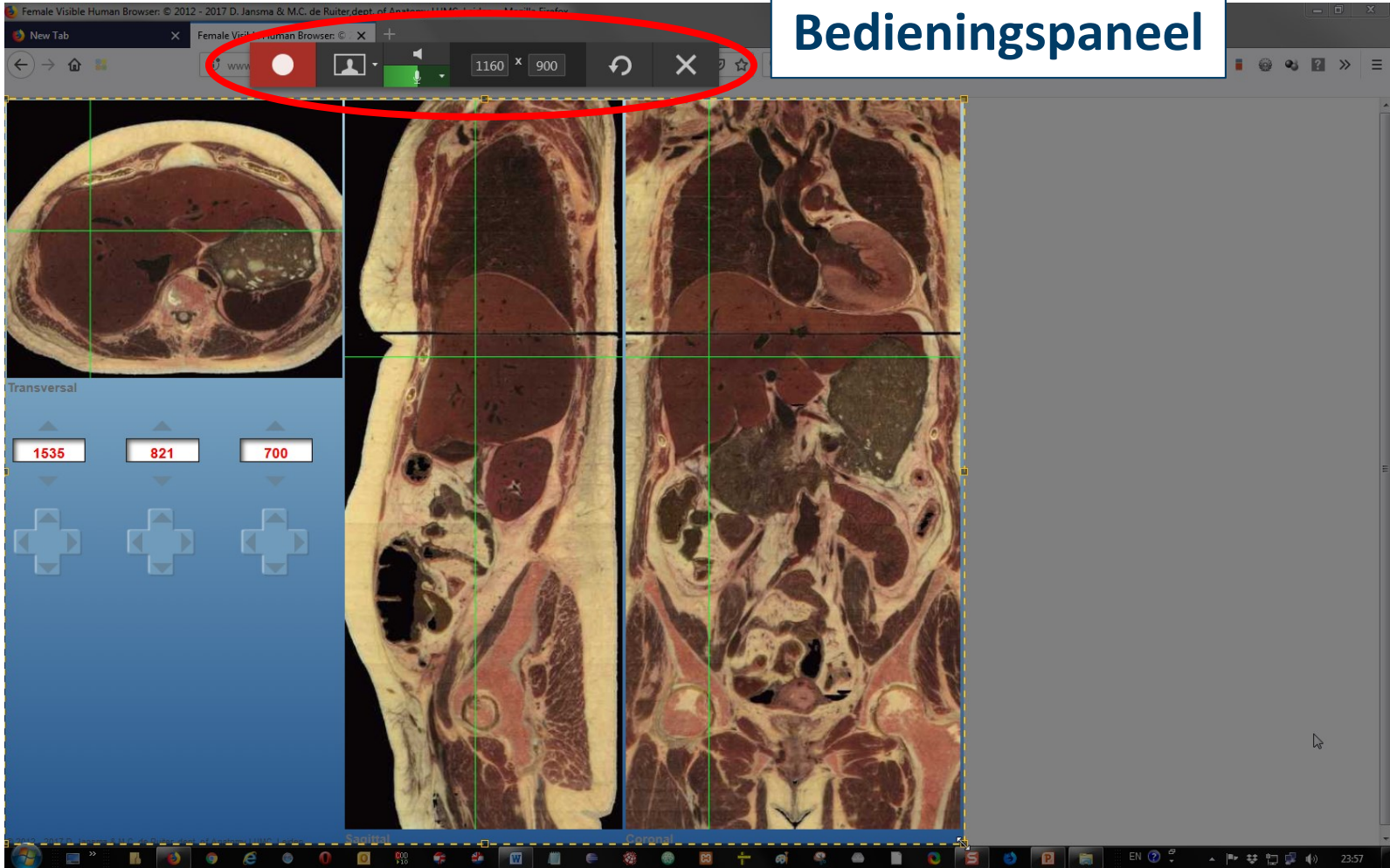
Snagit

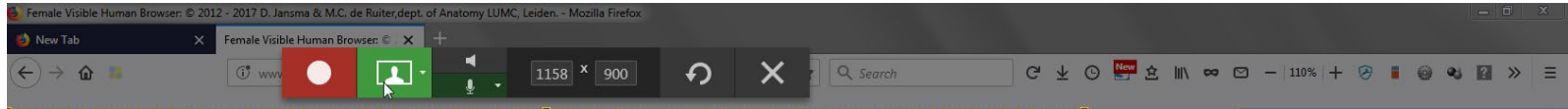


Sleep opname regio

Snagit

Bedieningspaneel

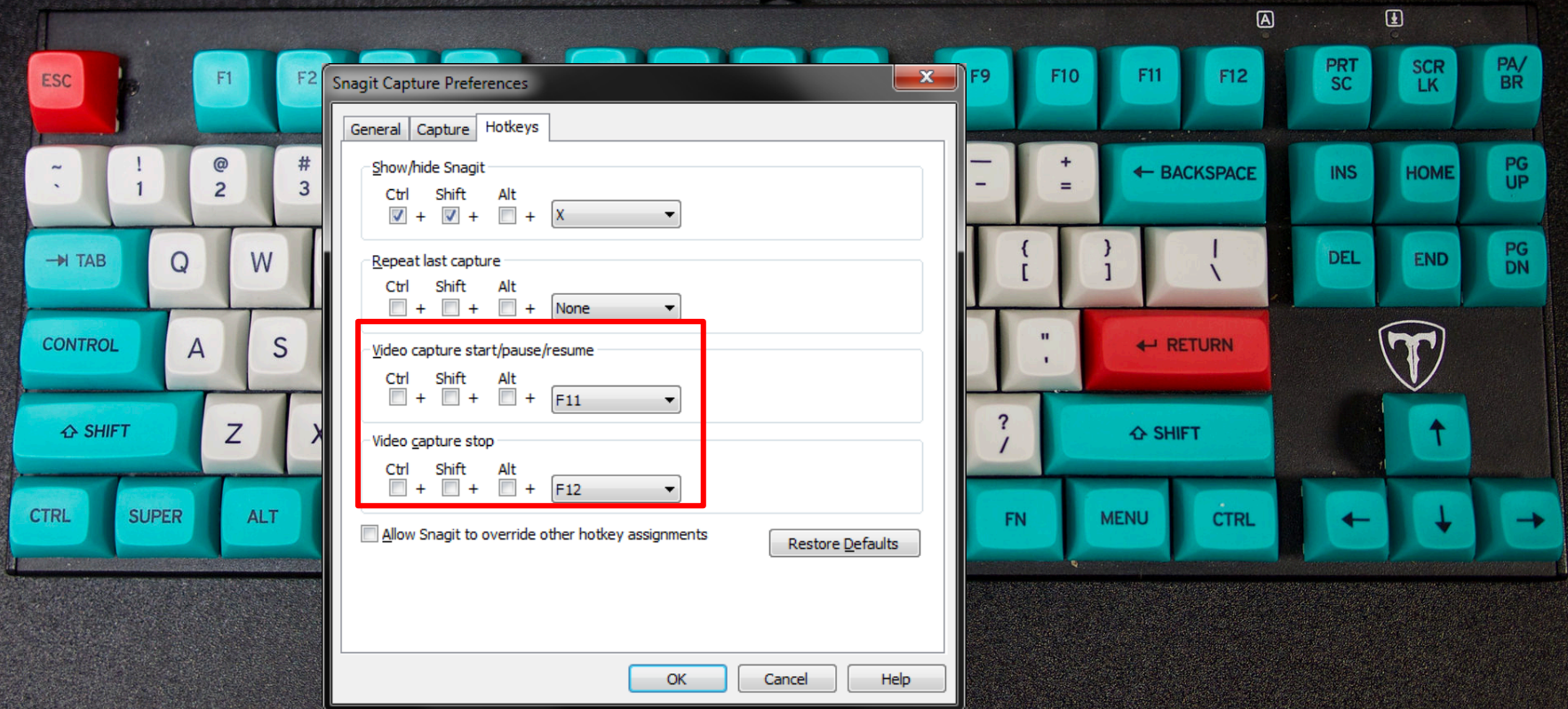




**Je kan nog
switchen naar
webcam.
Het is
òf scherm
òf webcam**



Voor full screen opnames (Powerpoint) is het handig hotkeys in te stellen. Kies iets makkelijk: bijv F11



Snagit

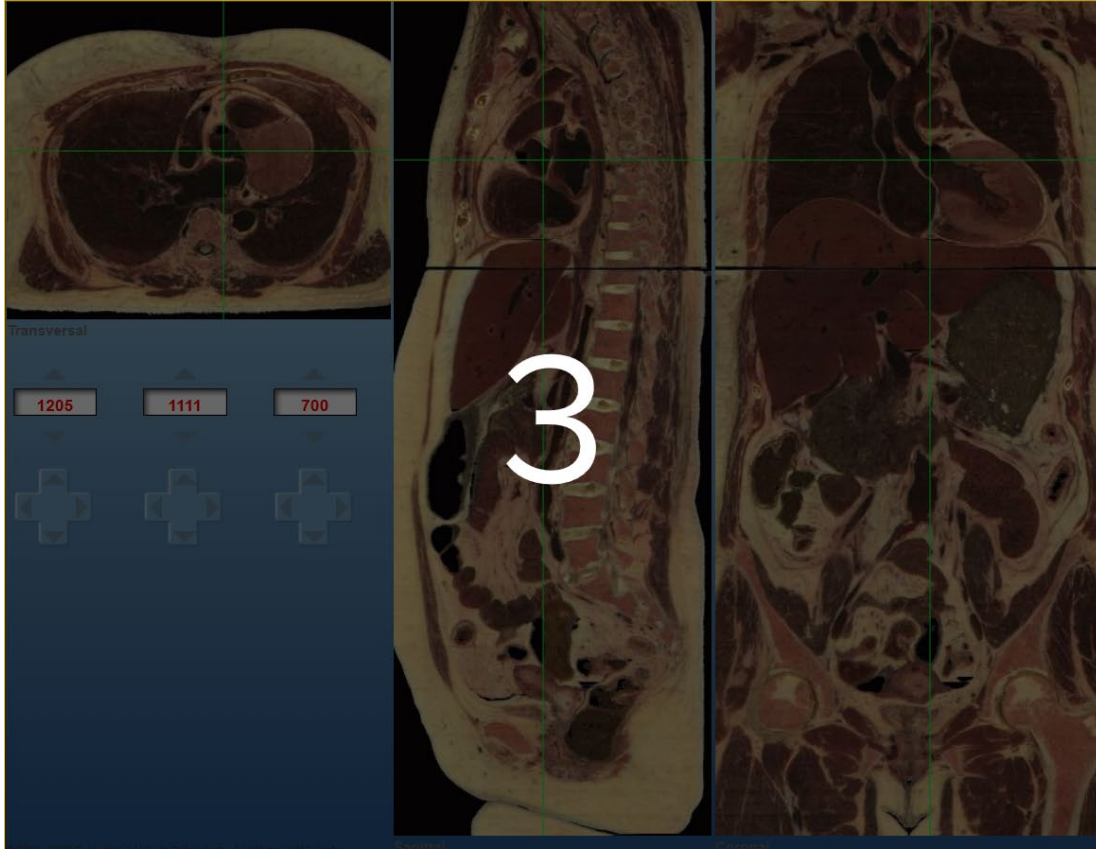
Female Visible Human Browser: © 2012 - 2017 D. Jansma & M.C. de Ruiter, dept. of Anatomy LUMC, Leiden. - Mozilla Firefox

New Tab Female Visible Human Browser: ©

0:00

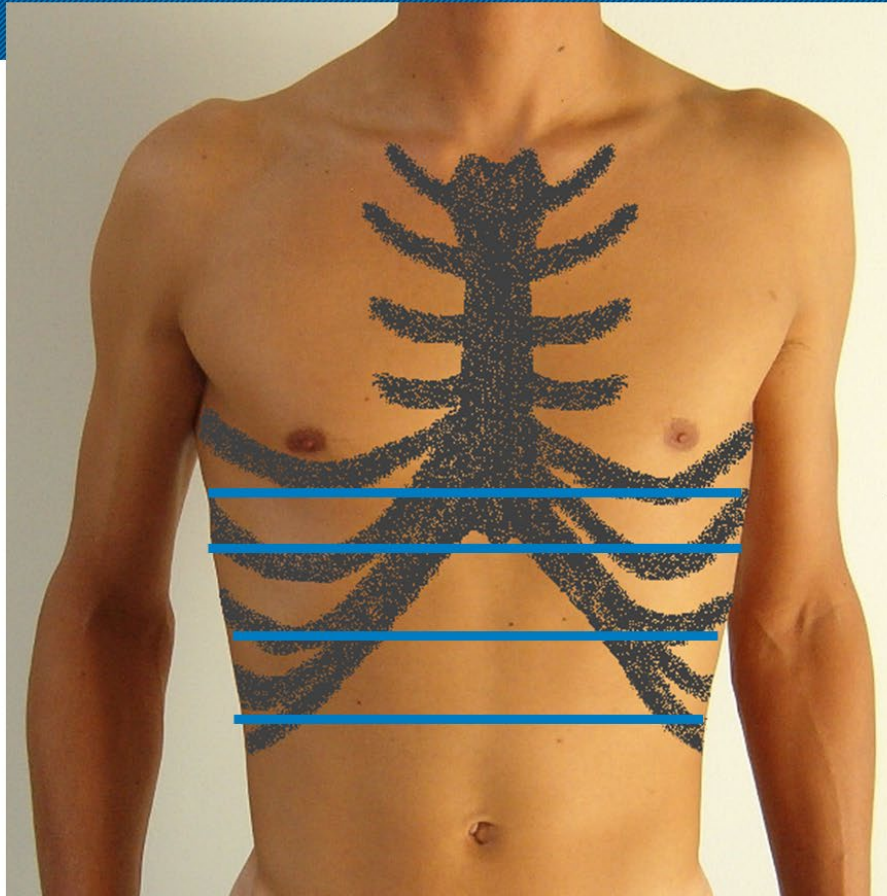
Search

110%



Countdown

Tot waar komt
het abdomen?



A
B
C
D



Om te stoppen amper zichtbaar knopje (of je hotkey)



File Edit Image Share View Help

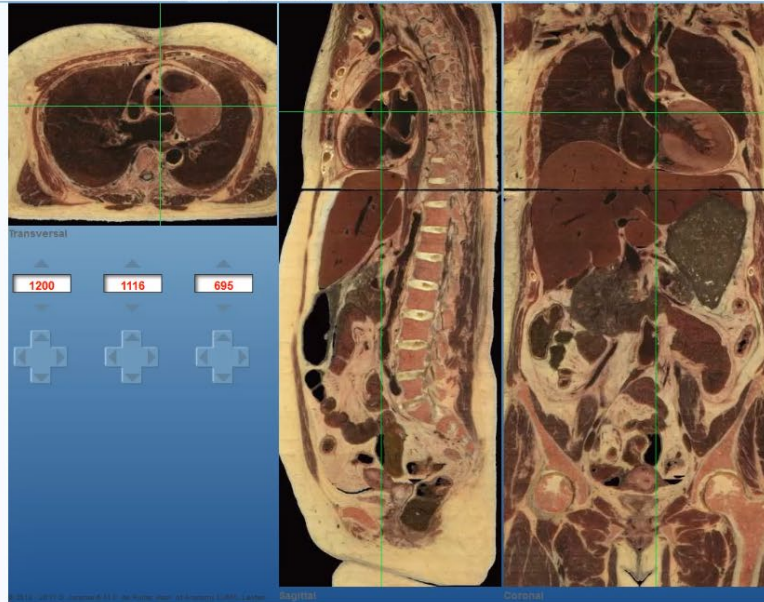
Snagit Editor

o.p.gobee@lumcnl

Library Capture

Favorites Arrow Text Callout Shape Stamp Fill Move Selection More Undo Redo

Copy All Share



De opname in de editor

00:00 01:55

Play/Pause, Stop, Next, Previous buttons

BMP PNG

Recent Tag

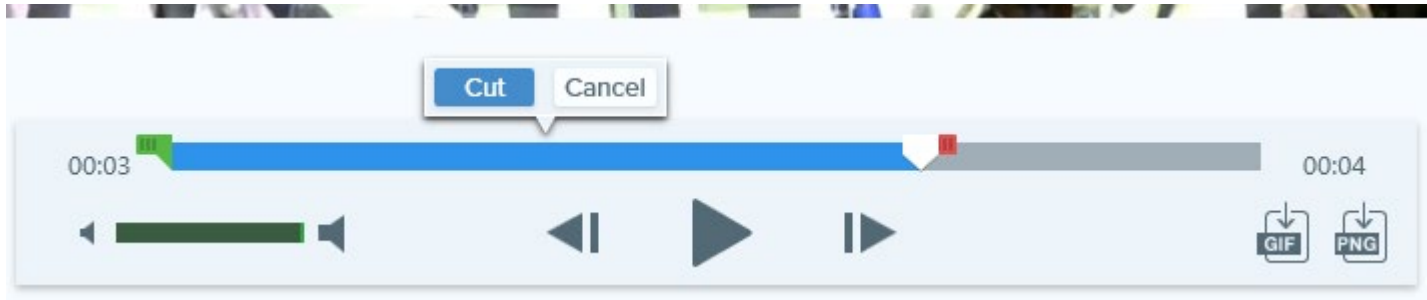
1060 x 832px

Library

01:55 00:10 mp4 00:14 mp4 00:14 00:07 mp4 00:04 mp4 00:04 snag

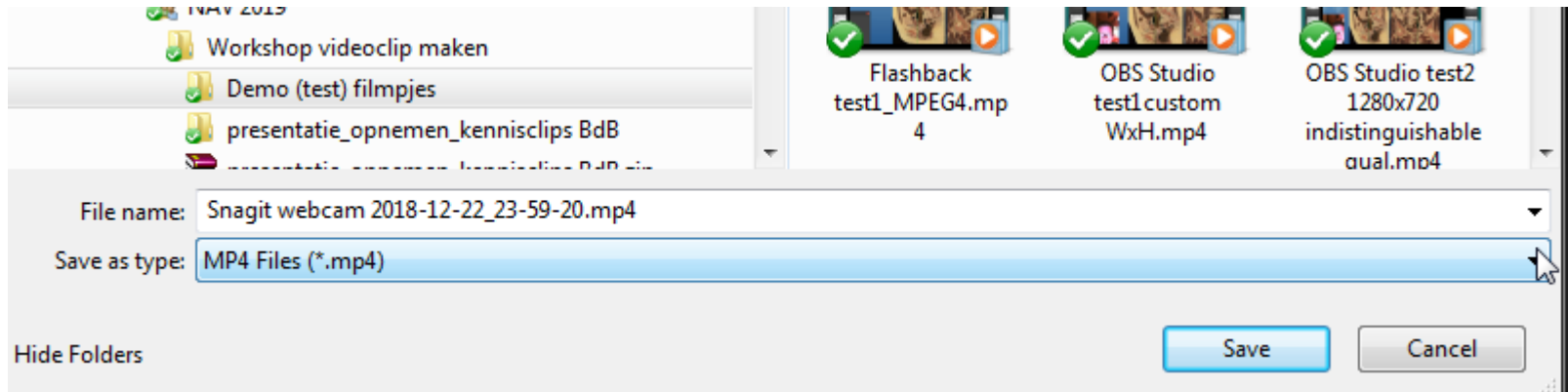
Snagit

De enige mogelijkheid is stukken eruit knippen.
Let op: het *geselecteerde* stuk gaat eruit!
Alleen voor grof knippen



Snagit

**Opslaan als:
enige video mogelijkheid is mp4**



**Daarnaast:
animated .gif en
still als .png**



Snagit

The screenshot shows the Snagit application interface. At the top, there is a menu bar with 'File', 'Edit', 'Image', 'Share', 'View', and 'Help'. Below the menu bar, there are tabs for 'Editor' and 'Capture'. The main area is titled 'Recent captures' and contains a list of captured files. The list has columns for 'Name', 'Size', 'Date', 'Modified', 'Type', 'Dimensions', and 'Tags'. The files are organized by date and type. A sidebar on the left shows a tree view of the capture library, including categories like 'Images', 'Videos', 'Animated GIFs', 'Recent captures', and 'Applications'. A right-hand pane shows a detailed view of the selected file, including its name, size, date, and a list of applications used to capture it.

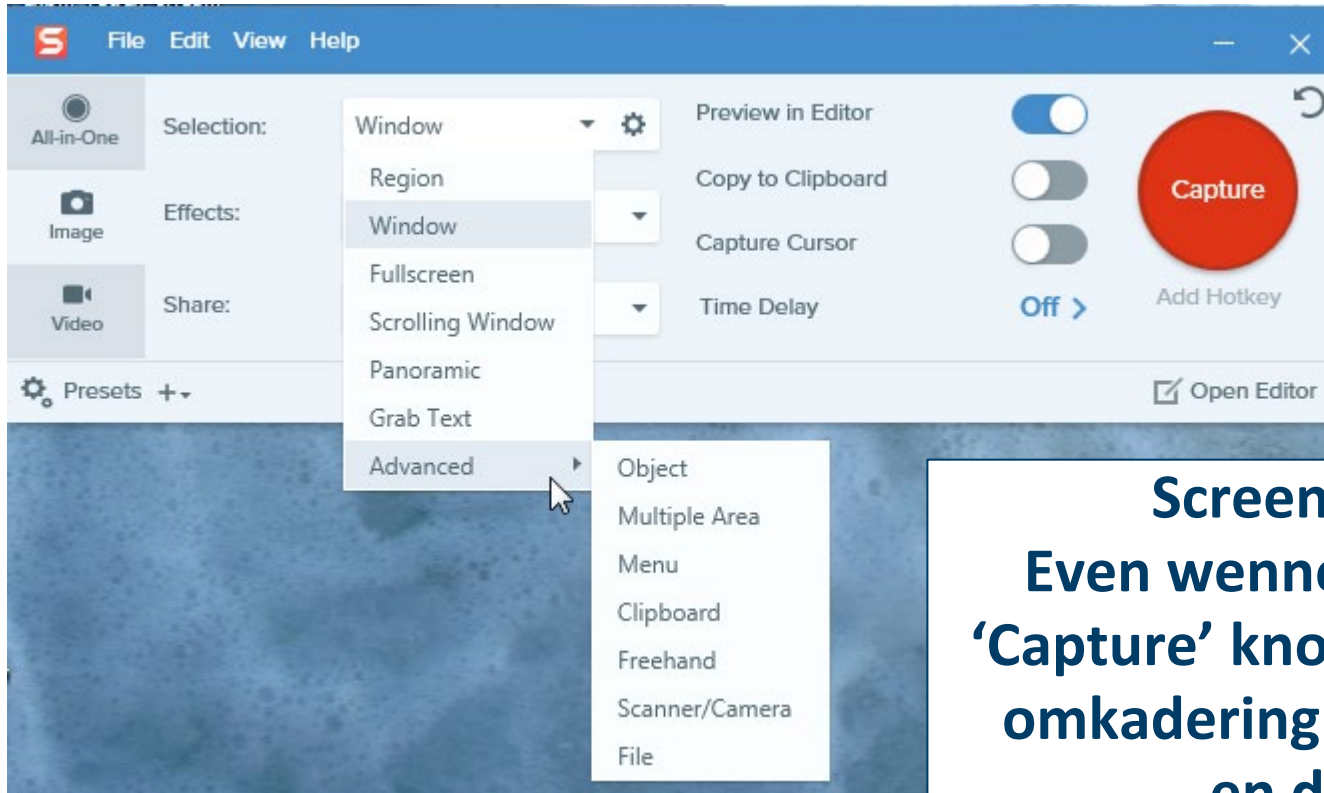
Name	Size	Date	Modified	Type	Dimensions	Tags
dec 22, 2018						
	00:04	dec 22, 2018 23:59:20				
dec 20, 2018						
	00:18	dec 20, 2018 2:16:03				
dec 19, 2018						
	00:08	dec 19, 2018 23:59:52				
dec 17, 2018						
	01:17:03	dec 17, 2018 01:17:03				
dec 11, 2018						
	2:38:29	dec 11, 2018 2:38:29				
	2:38:28	dec 11, 2018 2:38:28				
	2:37:35	dec 11, 2018 2:37:35				
	00:09	dec 11, 2018 0:12:02				
dec 10, 2018						
	01:25	dec 10, 2018 23:45:39				
	00:12	dec 10, 2018 23:41:26				
	01:55	dec 10, 2018 23:33:44				
	EditorOverview.snag					

Uitgebreide bibliotheek die alles onthouden blijkt te hebben

Waar? Wat verstopte instelling: In C:/Users

The screenshot shows the 'Selection Properties' dialog box in Snagit. It has two tabs: 'Snagit Printers' and 'Printer Capture Preferences'. The 'Printer Capture Preferences' tab is active. It contains a text field for 'Temporary capture file directory' with the path 'C:\Users\...\AppData\Local\Temp'. There is also a checkbox for 'Close Snagit after capture (if Snagit was not running)'. At the bottom, there are 'OK', 'Cancel', and 'Help' buttons.

Snagit – diverse screenshot opties



Screenshot:
Even wennen: je klikt
‘Capture’ knop, het toont
omkadering van shot...
en dan?
(klik of enter)

Snagit – OCR tekstherkenning

File Edit Image Share View Help

Snagit Editor o.p.gobee@lumcnl

Library Capture

Favorites Arrow Text Callout Shape Stamp Fill Move Crop More Undo Redo

**Ueber einen neuen Muskel am Duodenum des Menschen
sche Sehnen, und einige andere anatomische Ver**

Von Dr. Treitz, path. Prosector in Krakau.

(Mit einer Tafel.)

In den meisten Schriften über Anatomie findet man die Ansicht verbreitet, dass das Duodenum dadurch in seiner hufeisenförmigen Krümmung fest gehalten wird, dass es durch Bindegewebe mit dem Pankreas verbunden ist. Wenn das Pankreas selbst hinreichend befestigt und das Duodenum wirklich so wagerecht gestellt wäre, als man es gemeinhin annimmt, wenn es nämlich in der That zwei Partes transversae und eine descendens hätte — dann wäre die Sache allenfalls begreiflich. Dies ist jedoch nicht der Fall. Das Pankreas ist nur mit dem Duodenum fest verbunden, sonst aber lose, und bedeutender

Behoorlijk goed

Grab Text Results

üeber einen neuen Muskel am Duodenum des Menschen, Ober elasti-sche Sehnen, und einige andere anatomische Verhältnisse.

Von Dr. Treitz, path. Prosector io Krakau.

(Mit einer Tafel.)

Id den meisten Schriften Ober Anatomie findet man die Ansicht verbreitet, dass das Duodenum dadurch in seiner hufeisenförmigen Krümmung fest gehalten wird, dass es durch Bindegewebe mit dem Pankreas verbunden ist. Wenn das Pankreas selbst hinreichend befestigt und das Duodenum wirklich so wagerecht gestellt wäre, als man es gemeinhin annimmt, wenn es nämlich in der That zwei Partes transversae und eine descendens hätte — dann wäre die Sache allenfalls begreiflich. Dies ist jedoch nicht der Fall. Das Pankreas ist nur mit dem Duodenum fest verbunden, sonst aber lose, und bedeutender

Help Copy All Close

Untitled - Notepad

File Edit Format View Help

üeber einen neuen Muskel am Duodenum des Menschen, Ober elasti-sche Sehnen, und einige andere anatomische Verhältnisse.

Von Dr. Treitz, path. Prosector io Krakau.

(Mit einer Tafel.)

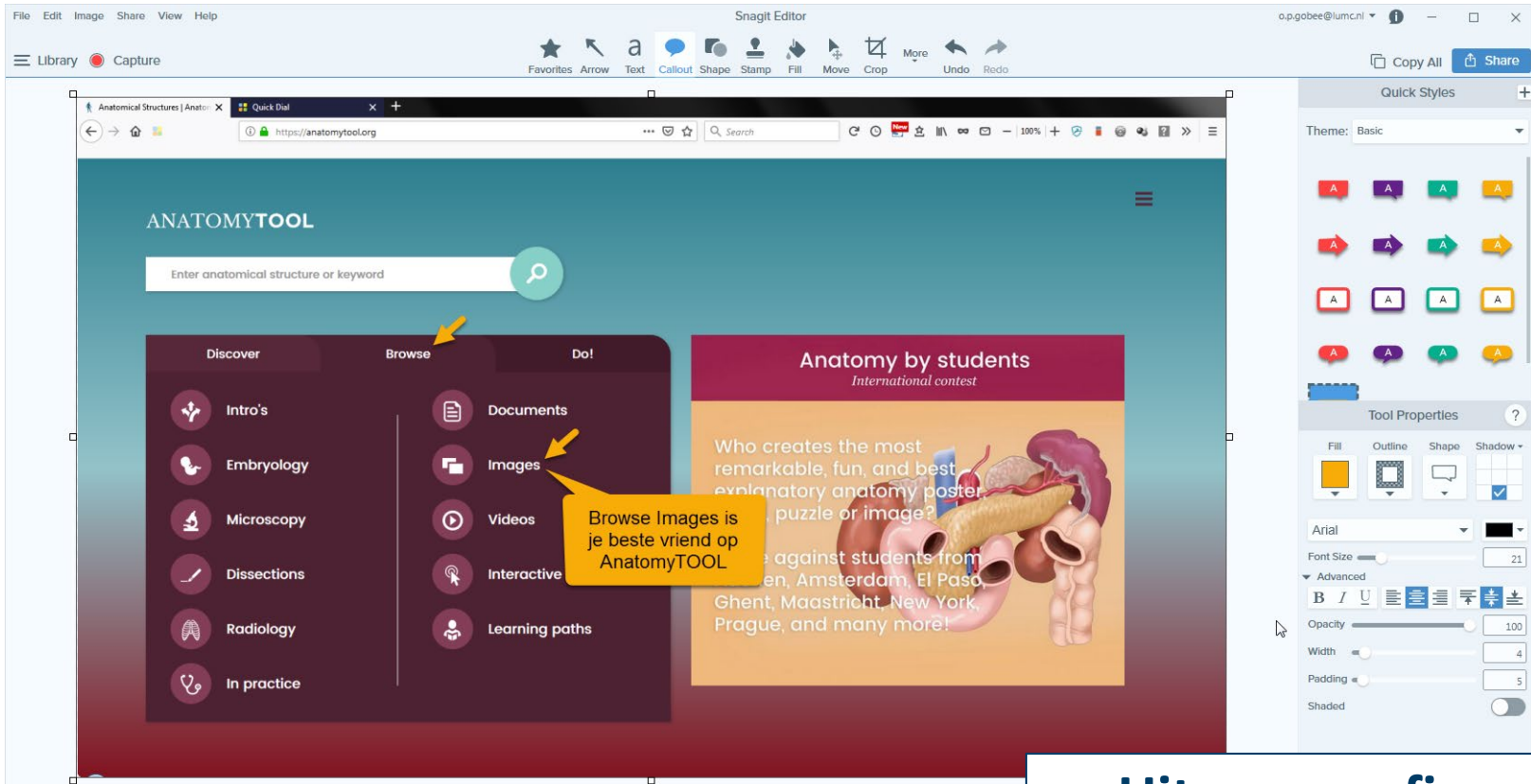
Id den meisten Schriften Ober Anatomie findet man die Ansicht verbreitet, dass das Duodenum dadurch in seiner hufeisenförmigen Krümmung fest gehalten wird, dass es durch Bindegewebe mit dem Pankreas verbunden ist. Wenn das Pankreas selbst hinreichend befestigt und das Duodenum wirklich so wagerecht gestellt wäre, als man es gemeinhin annimmt, wenn es nämlich in der That zwei Partes transversae und eine descendens hätte — dann wäre die Sache allenfalls begreiflich. Dies ist jedoch nicht der Fall. Das Pankreas ist nur mit dem Duodenum fest verbunden, sonst aber lose, und bedeutender

Recent Tag

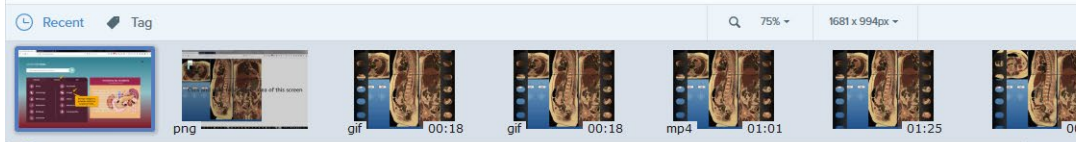
Treitz W. 1853. Über einem neuen Muskel am Duodenum des Menschen. Vierteljahrsschrift_für_die_praktische_Heilkunde

png gif 00:18 gif 00:18 mp4 01:01 01:25 00:12 gif 00:04 01:55

Snagit – uitgebreide editor (alleen voor shots – niet voor video)



Uitroepen, figuren, annotaties



The proof of the pudding...

- Snagit Visible Human 2018-12-10_23-45-39 getrimmed.mp4
- Snagit Powerpoint (reading view) 2018-12-23_22-11-07.mp4
- Snagit webcam 2018-12-23_0-17-38.mp4
- Snagit 3D model 2018-12-23_15-49-34.mp4
- Snagit Visible Human 2018-12-23_1-14-08.gif

Snagit – beeldkwaliteit goed



Beste all-over beeldkwaliteit van alle geteste programma's

- schermopname .mp4 goed
- schermopname Powerpoint .mp4 goed
- webcam opname .mp4 goed
- 3D model .mp4 goed
- animated gif (zonder geluid) behoorlijk goed (ShareX net iets mooier)

Snagit

- Vooral een screenshot programma, screencast basale functies, maar die werken wel goed.
- Bediening behoorlijk intuïtief, enkele quirk
- òf schermopname òf webcam, geen combi
- Editor mag geen naam hebben voor video
- **Beste all-over beeldkwaliteit van alle geteste programma's**
- Uitgebreide (bewerk) opties voor *screenshots*.

Snagit slaat op met H64 in mp4 container. Dit is een *lossy* codec.

Camtasia slaat op met TechSmith Screen Capture Codec (TSCC).
Dit is een *lossless* codec.

In edit programma's (bijv. Premiere) vindt er bij de export (render) weer een compressie plaats. Achtereenvolgende compressies verslechteren het beeld.

Eerdere videos deed ik met Camtasia. Daar kreeg ik na editen met Premiere vrij goede kwaliteit.

Heb je t ervoor over zou ik Camtasia gebruiken.

Schermafbeelding – zelf aan de gang. Oefening 1

Benodigd:

- Browser: ga naar <http://caskanatomy.info/3dviewer/> en klik 'Fascia' om overliggende fascie uit te zetten
- Snagit
- Een idee wat je zeggen wilt (evt op tekst)

Opdracht:

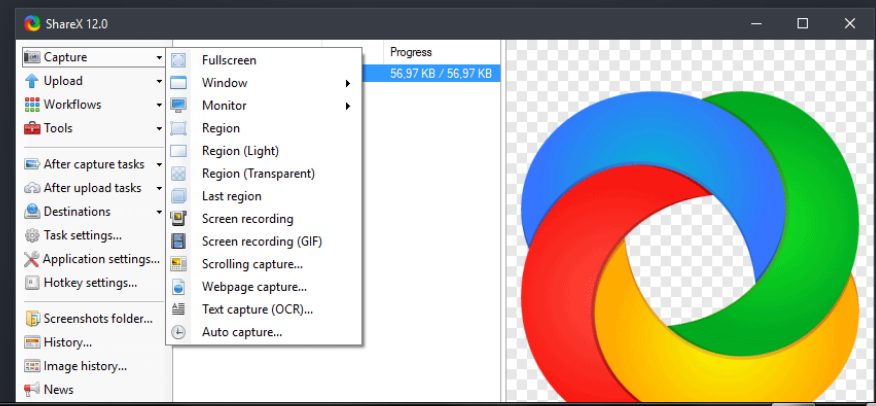
- Maak screencast waarbij je:
 - Het 3D model toont, iets aanwijst, draait
 - inspreekt
- Sla op als .mp4

ShareX

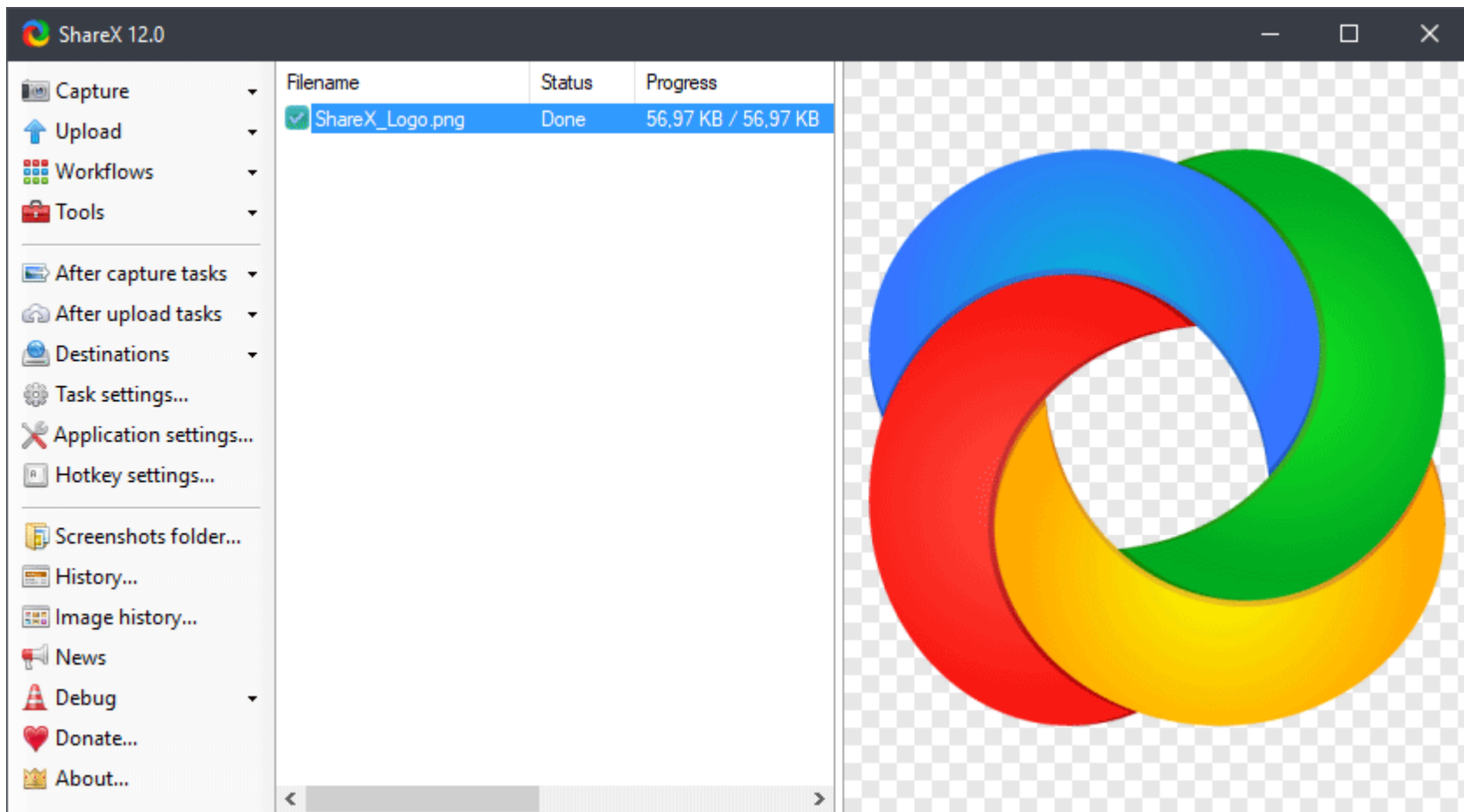
Screen capture, file sharing and productivity tool

Download Source Donate

For Windows 7, 8.1 and 10



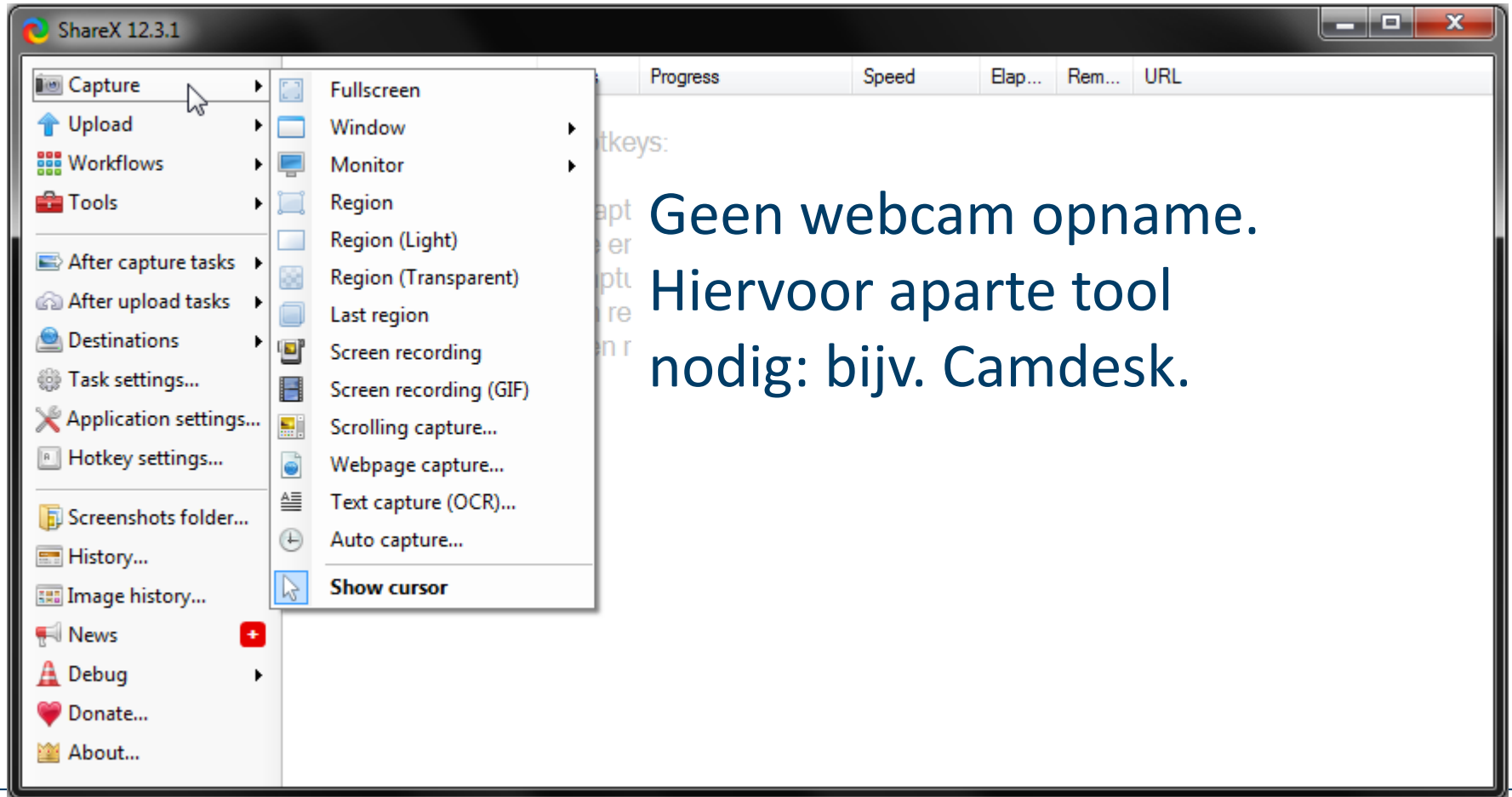
ShareX – screenshot en screen recording, veel opties en functies



The screenshot displays the ShareX 12.0 application window. On the left is a vertical menu with various options. The central area features a table with one row of data. On the right is a large canvas displaying a colorful logo consisting of four interlocking rings in blue, green, red, and yellow.

Filename	Status	Progress
✓ ShareX_Logo.png	Done	56,97 KB / 56,97 KB

ShareX



ShareX

Belangrijk om tevoren
goede instellingen te doen

ShareX – belangrijk om tevoren goede instellingen te doen

ShareX 12.3.1

- Capture
- Upload
- Workflows
- Tools
- After capture tasks
- After upload tasks
- Destinations
- Task settings... ←
- Application settings...
- Hotkey settings...
- Screenshots folder...
- History...
- Image history...
- News
- Debug
- Donate...
- About...

ShareX - Task settings

General

Image

- Effects
- Thumbnail

Capture

- Region capture
- Screen recorder**

Upload

- File naming
- Clipboard upload
- Uploader filters

Actions

- Watch folders
- Tools
- Advanced

Screen recording options...

Screen recording FPS: 30

GIF FPS: 15

- Show cursor in recording
- Start recording after: 0.0 seconds
- Fixed duration: 3.0 seconds
- Record using lossless encoding and then apply user encoding option
- Ask for confirmation when ab...

Cursor Countdown

ShareX - Screen recording options

Ffmpeg path: [redacted] \videos\screencaptures\screencaptures\ShareX\Tools\ffmpeg.exe

Sources

Refresh Video source: GDI grab Audio source: Microphone (HD Webcam C310)

- None
- Microphone (HD Webcam C310)
- Line-in (SB Audigy)
- Microphone (SB Audigy)
- S/PDIF-in (SB Audigy)

Audio codec: AAC

x264 / x265 VP8 Xvid NVENC GIF AMF

CRF: 28

Preset: Ultra fast

AAC Vorbis MP3

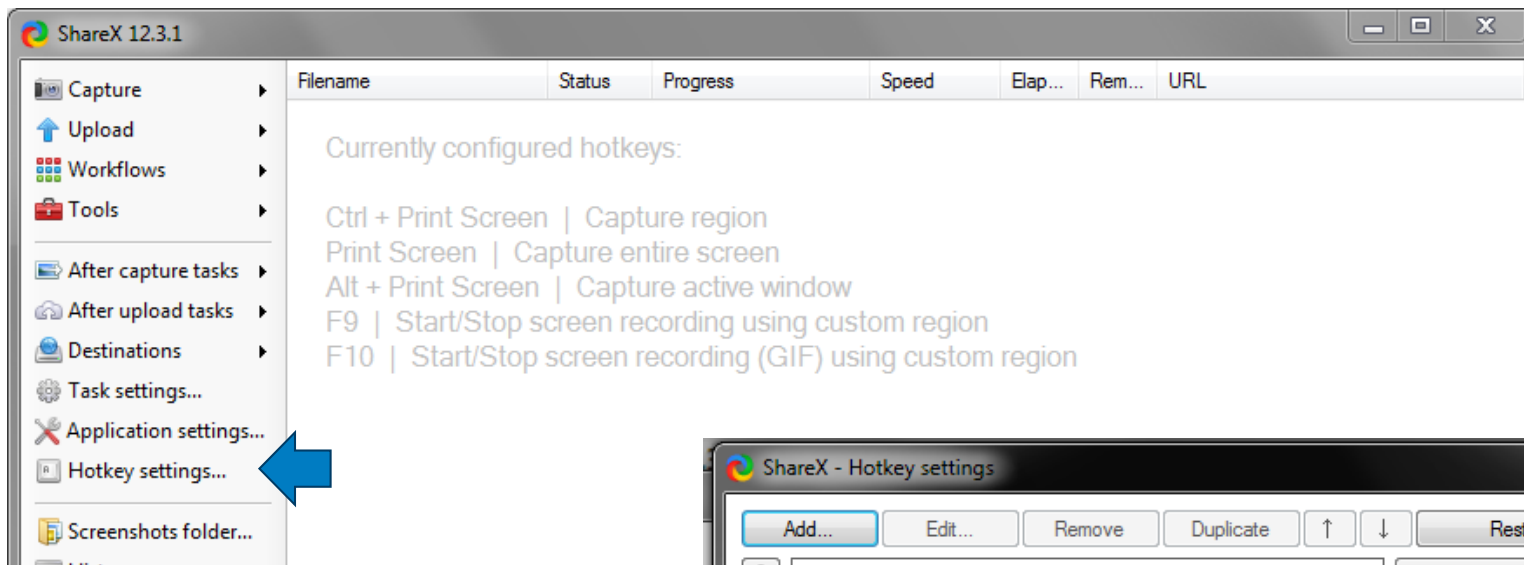
Bitrate: 128k

Additional command line arguments

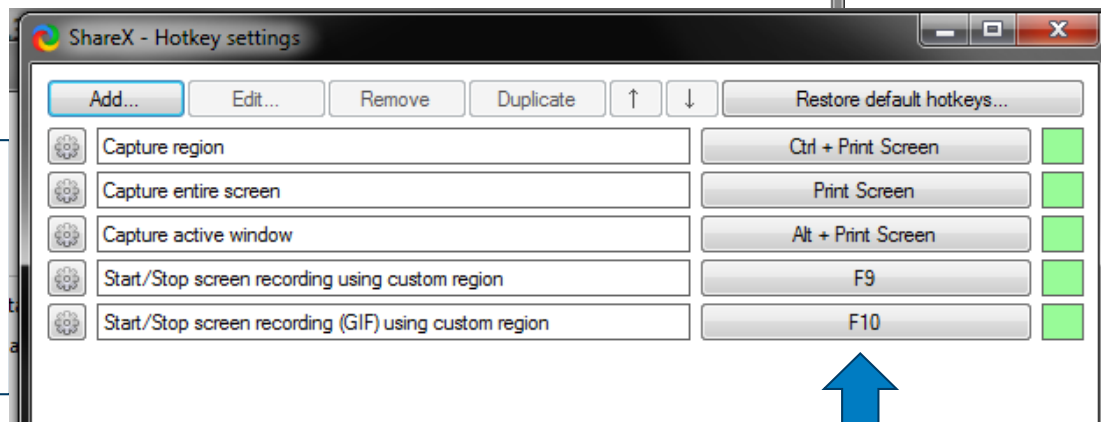
Command line preview Test with CMD Copy Use custom commands

Geluidsbron

ShareX – gebruik hotkeys – anders staat ShareX zelf in beeld



Kies iets makkelijk: ik gebruik F9 en F10 voor video opnamen



ShareX – belangrijk om tevoren goede instellingen te doen

ShareX 12.3.1

Filename	Status	Prog...	Spe...	Elap...	Rem...	URL
ShareX_9fb7bh6ja5.png	Done					.\Videos\screencaptures\screencaptures ShareX\Screenshots\20...
ShareX_gEvLRDLr3Z.png	Done					.\Videos\screencaptures\screencaptures ShareX\Screenshots\20...
ShareX_HcR0rlwoCi.png	Done					.\Videos\screencaptures\screencaptures ShareX\Screenshots\20...
ShareX_Vn4fnch0va.png	Done					.\Videos\screencaptures\screencaptures ShareX\Screenshots\20...

After capture tasks

- Show "After capture" window
- Add image effects / watermark
- Open in image editor
- Copy image to clipboard**
- Print image
- Save image to file
- Save image to file as...
- Save thumbnail image to file
- Perform actions
- Copy file to clipboard
- Copy file path to clipboard
- Show file in explorer
- Scan QR code
- Recognize text (OCR)
- Show "Before upload" window
- Upload image to host
- Delete file locally

Met deze instellingen kun je
en
achter elkaar meerdere opnames doen
en
direct de laatste shot knippen en plakken

ShareX – belangrijk om tevoren goede instellingen te doen

ShareX 12.3.1

ShareX - Application settings

General
Integration
Paths
Export / Import
Upload
Results
Retry
History
Print
Proxy
Advanced

ShareX personal folder:
D:\Dropbox\ACTIVE\Videos\screencaptures\screencaptures ShareX

Open... D:\Dropbox\ACTIVE\Videos\screencaptures\screencaptures ShareX

Note: You must reopen ShareX for personal folder changes to take effect.

Use custom screenshots folder:
D:\Dropbox\ACTIVE\Videos\screencaptures\screencaptures ShareX\Screenshots

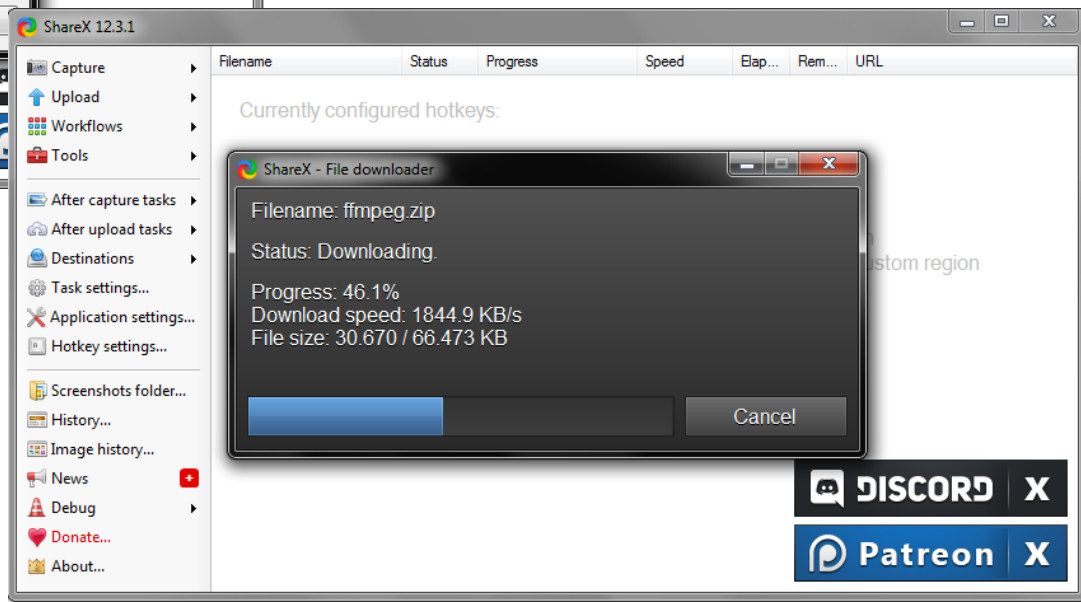
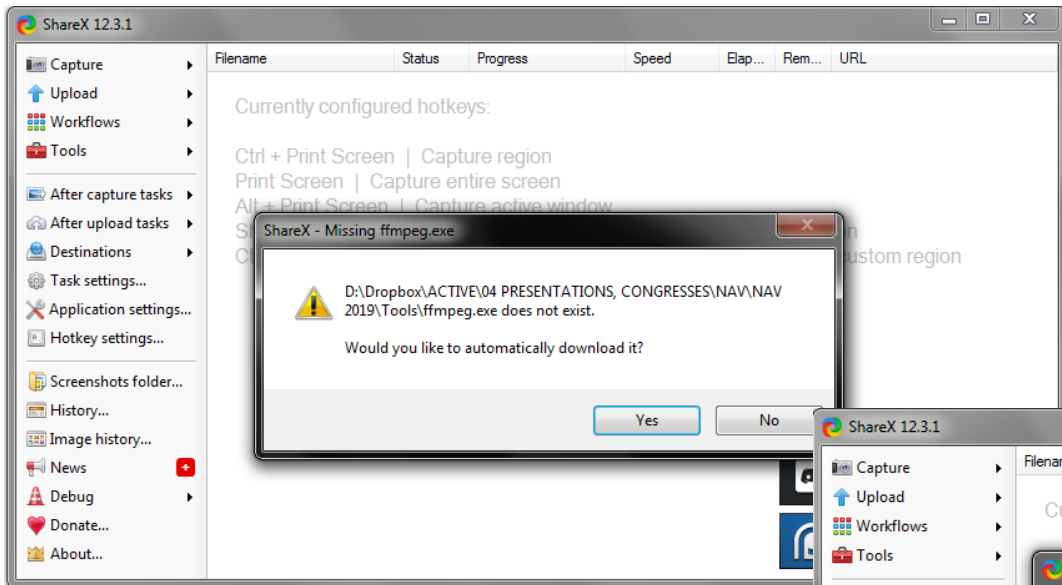
Browse... D:\Dropbox\ACTIVE\Videos\screencaptures\screencaptures ShareX\Screenshots

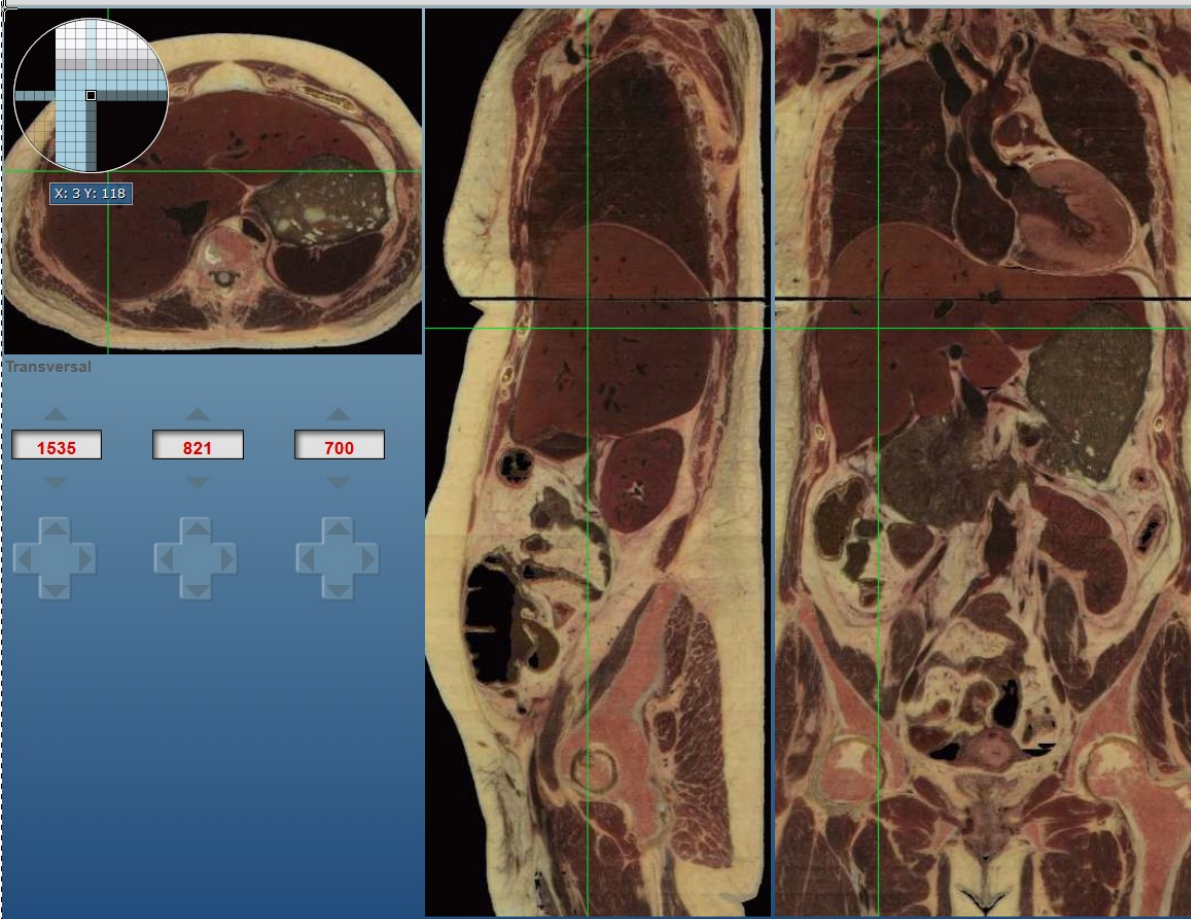
Sub folder pattern:
%y-%mo

Open... D:\Dropbox\ACTIVE\Videos\screencaptures\screencaptures ShareX\Screenshots\2018-

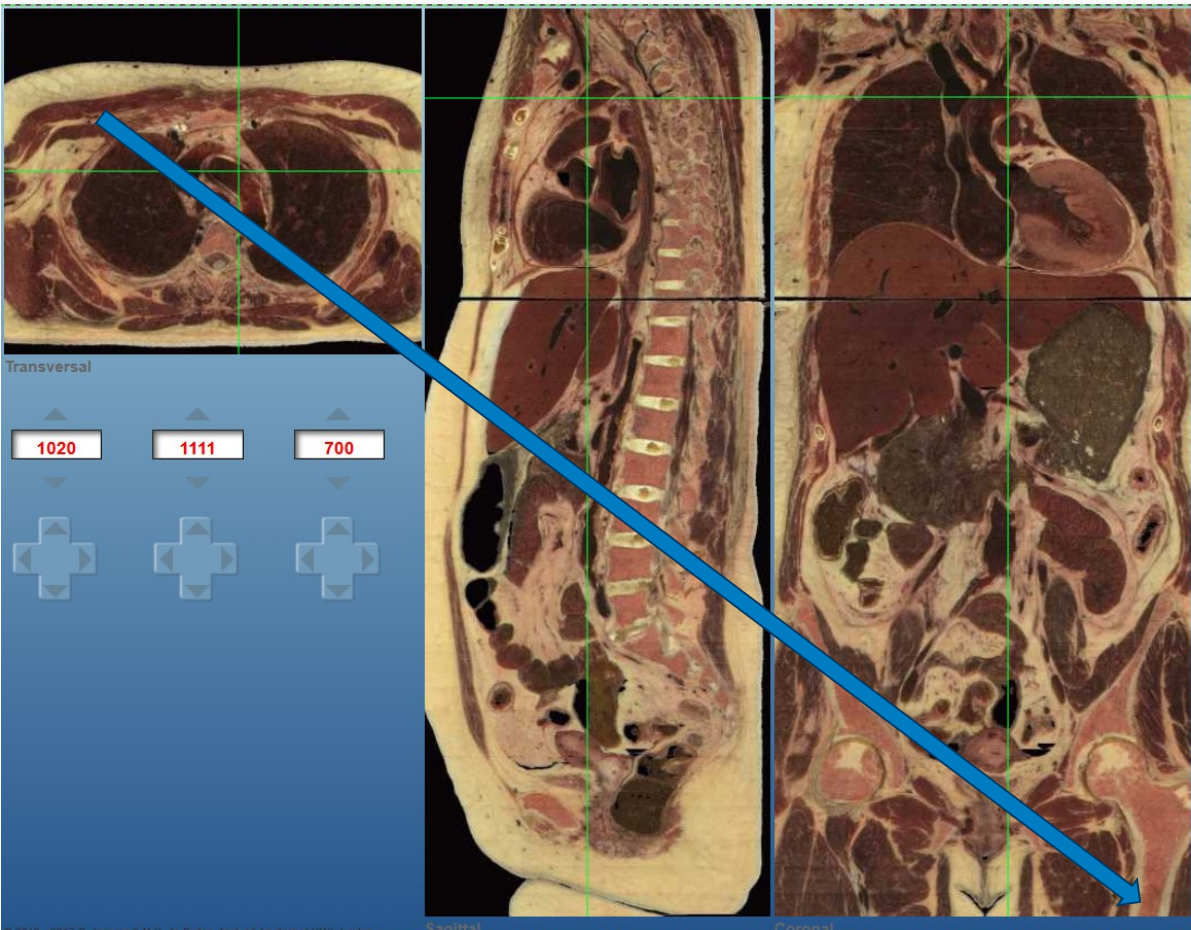
Kies waar het wordt opgeslagen

ShareX – bij video gaat hij eerst nog een encoder ophalen, gaat vanzelf

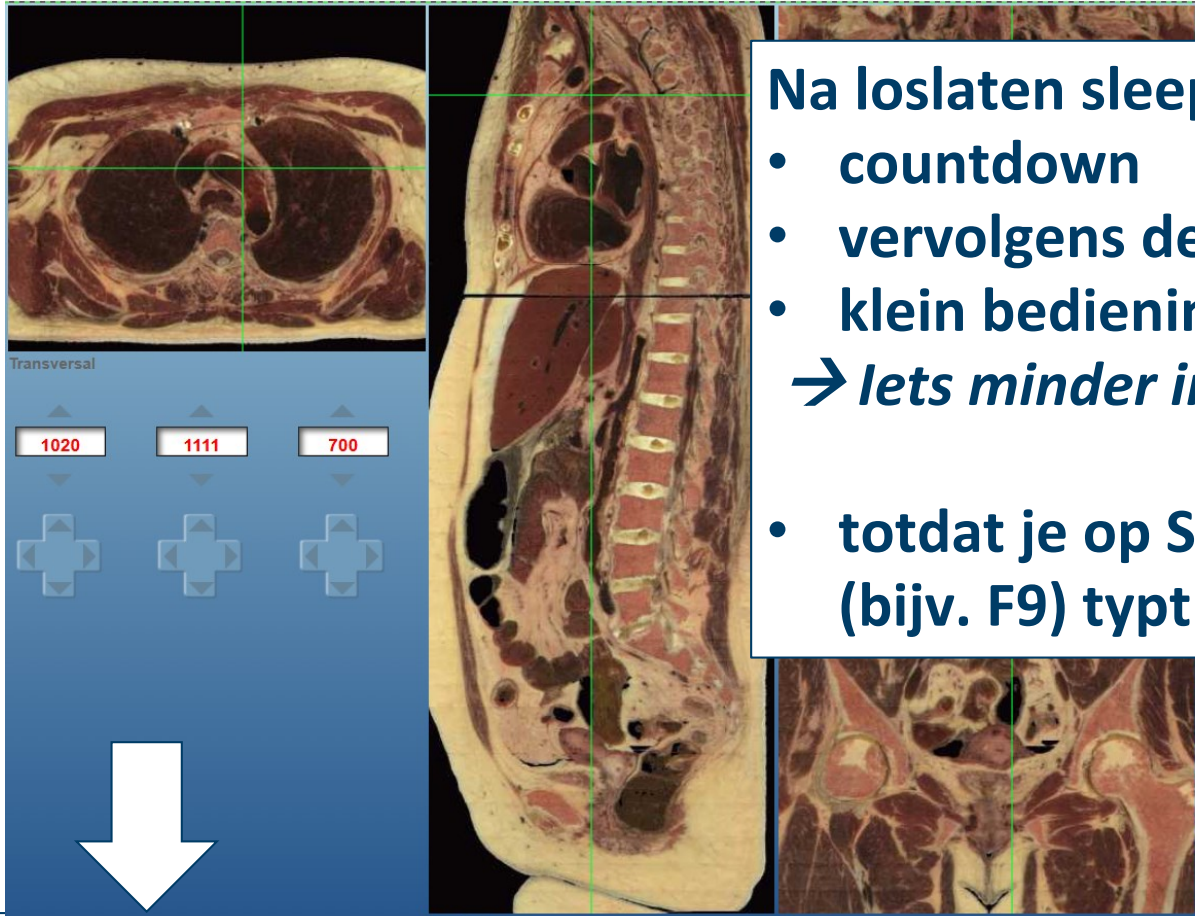




Sleep opname regio



Sleep opname regio

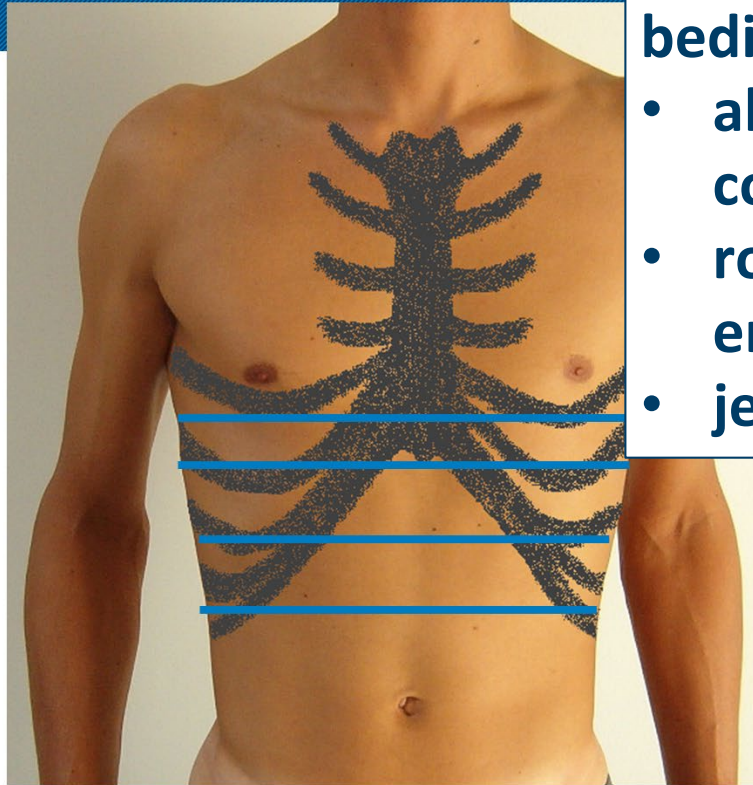


Na loslaten sleepcursor begint *direct*:

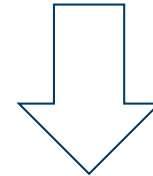
- countdown
- vervolgens de opname
- klein bedieningspaneel
→ *iets minder intuïtief*
- totdat je op Stop klikt of je hotkey (bijv. F9) typt

Vol scherm opname (Powerpoint presentatie) wat lastiger, geen bedieningspaneel:


- **alleen geel bolletje in system tray: countdown**
- **rood bolletje: opname loopt, klik erop om te stoppen (of hotkey)**
- **je krijgt taskbar over je beeld**



B
C
D



PowerPoint Slide Show - [KT1 SpTh HC abdomen opgabee 2018-2019.pptx] - Microsoft PowerPoint
Videoclip workshop.pptx

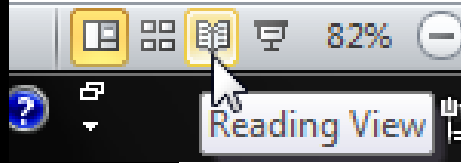


Tot waar komt het abdomen?

A
B
C
D

Foto: O.P. Gobée

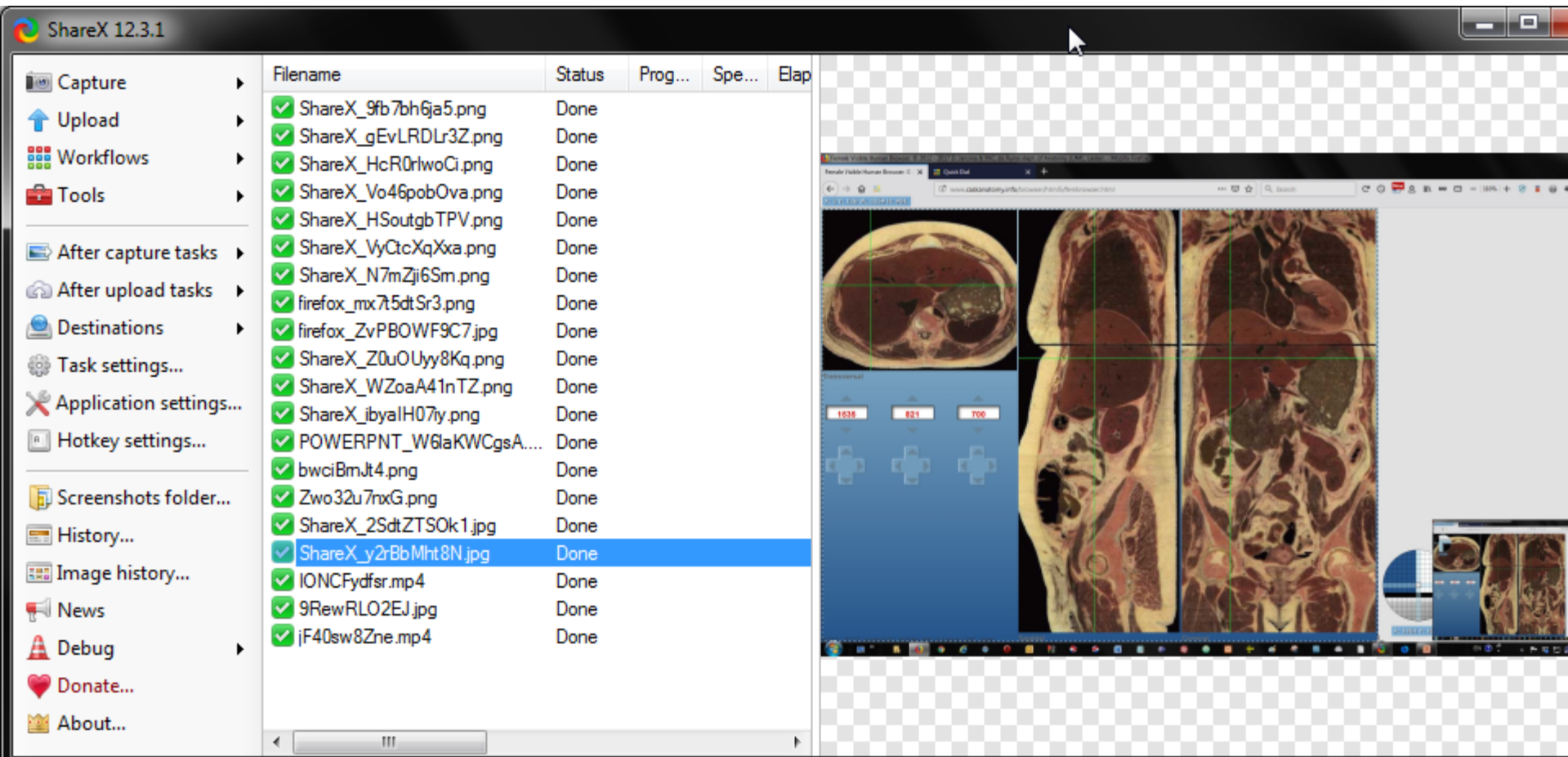
**Bedieningspaneel
Geen taskbar in beeld**



82%

Reading View

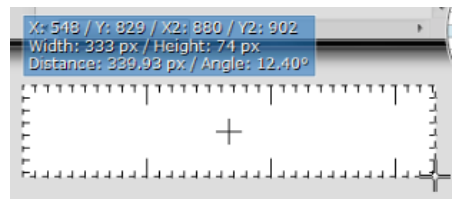
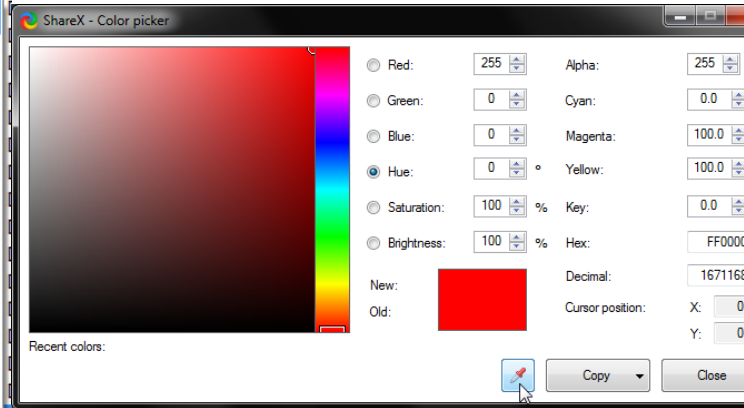
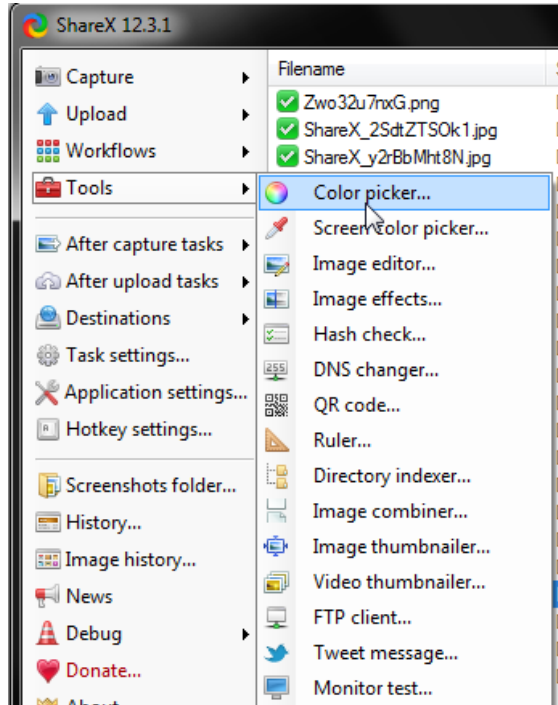
ShareX – een serie opnamen achter elkaar maken



The screenshot displays the ShareX 12.3.1 application window. On the left is a sidebar with various settings and actions. The main area is a table of captured files. On the right, a preview window shows a medical scan with a blue overlay and a small inset of the same scan.

Filename	Status	Prog...	Spe...	Elap
✓ ShareX_9fb7bh6ja5.png	Done			
✓ ShareX_gEvLRDLr3Z.png	Done			
✓ ShareX_HcR0r1woCi.png	Done			
✓ ShareX_Vo46pobOva.png	Done			
✓ ShareX_HSoutgbTPV.png	Done			
✓ ShareX_VyCtcXqXxa.png	Done			
✓ ShareX_N7mZji6Sm.png	Done			
✓ firefox_mx7t5dtSr3.png	Done			
✓ firefox_ZvPBOWF9C7.jpg	Done			
✓ ShareX_Z0uOUyy8Kq.png	Done			
✓ ShareX_WZoaA41nTZ.png	Done			
✓ ShareX_ibyalH07iy.png	Done			
✓ POWERPNT_W6laKWCgsA....	Done			
✓ bwciBmJt4.png	Done			
✓ Zwo32u7rxG.png	Done			
✓ ShareX_2SdtZTSOk1.jpg	Done			
✓ ShareX_y2rBbMht8N.jpg	Done			
✓ IONCFydfsr.mp4	Done			
✓ 9RewRLO2EJ.jpg	Done			
✓ jF4Qsw8Zne.mp4	Done			

ShareX – div. andere tools



ShareX - OCR text herkenning

Ueber einen neuen Muskel am Duodenum des Menschen, über elastische Sehnen, und einige andere anatomische Verhältnisse.

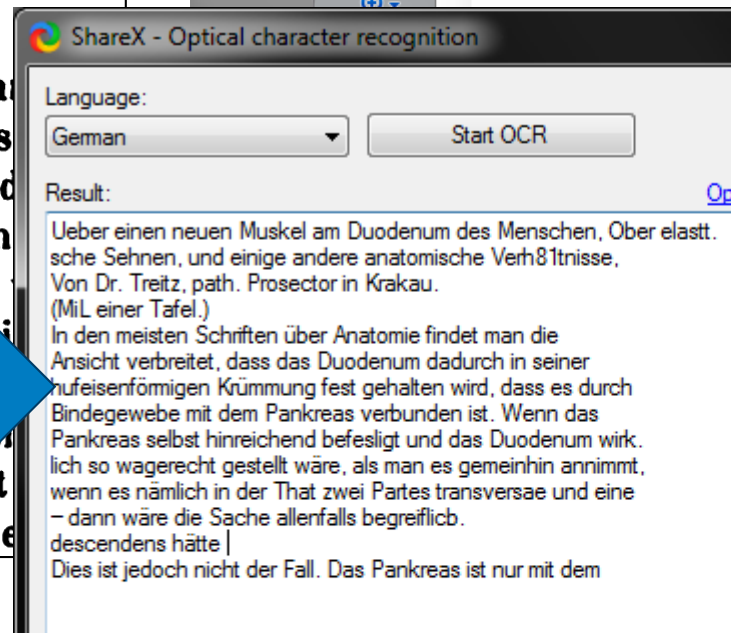
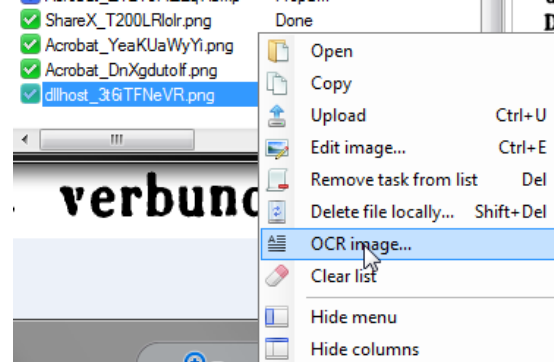
Von Dr. *Treitz*, path. Prosector in Krakau.

(Mit einer Tafel.)

In den meisten Schriften über Anatomie findet man die Ansicht verbreitet, dass das Duodenum dadurch in seiner hufeisenförmigen Krümmung fest gehalten wird, dass es durch Bindegewebe mit dem Pankreas verbunden ist. Wenn das Pankreas selbst hinreichend befestigt und das Duodenum wirklich so wagerecht gestellt wäre, als man es gemeinhin annimmt, wenn es nämlich in der That zwei Partes transversae und descendens hätte — dann wäre die Sache allenfalls begrifflich. Dies ist jedoch nicht der Fall. Das Pankreas ist nur mit dem Duodenum fest verbunden, sonst aber lose, und bedeutet

Resultaat behoorlijk goed. Maar werkte soms niet. PC overbelast?

Treitz W. 1853. Über einem neuen Muskel am Duodenum des Menschen. Vierteljahrschrift_für_die_praktische_Heilkunde



The proof of the pudding...



- [ShareX Visible Human 15fps.gif](#)
- [ShareX Visible Human 30fps.mp4](#)
- [ShareX Powerpoint.mp4](#)
- [ShareX 3D model.mp4](#)

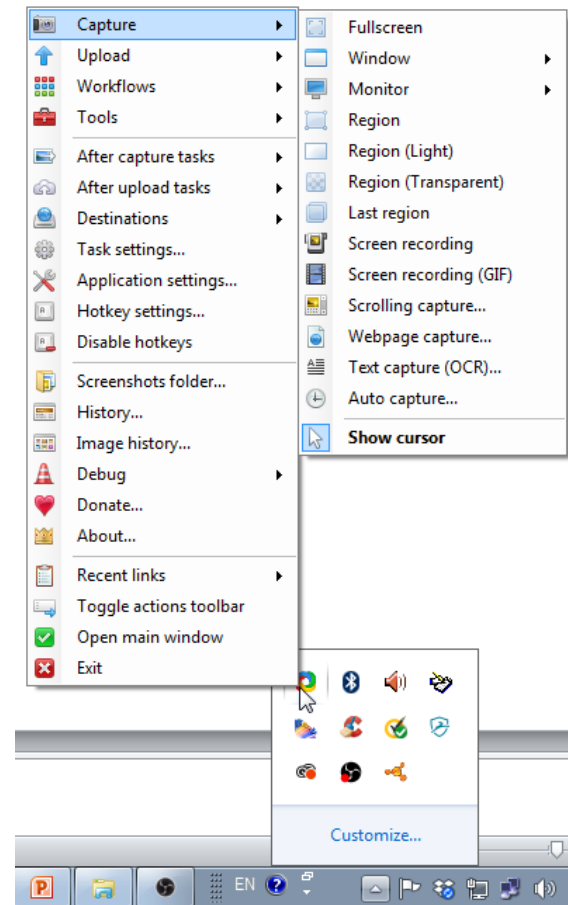
ShareX – Beeldkwaliteit goed



- animated .gif goed (zonder geluid) (net iets mooier dan Snagit)
- schermopname .mp4 goed
- schermopname Powerpoint .mp4 goed
- 3D model opname .mp4 niet goed genoeg -wat schokkerig (ondanks instelling 60fps)

ShareX – hicks

- Stoppen kan alleen met rechts klik op tray icon.
- Instellingen raken soms kwijt?



ShareX

- Gratis, open source
- **Goed voor animated gif (zonder geluid) (kwal. beste)**
- **Goed voor mp4 (met geluid)**
- **Handig voor serie screenshots achter elkaar**
- Geen webcam opname
- **Instellingen even voor gaan zitten**
- Veel extra tools, een handig gereedschap

Schermafbeelding – zelf aan de gang. Oefening 2

Benodigd:

- Powerpoint met (minstens) 2 dia's
- ShareX
- Een idee wat je zeggen wilt (evt op tekst)

Opdracht:

- Stel ShareX instellingen goed in
- Maak screencast waarbij je:
 - de Powerpoint toont, iets aanwijst, dia wisselt (NB: gebruik 'Reading view'!)
 - inspreekt
- Sla op als .mp4

BB Flashback (Express)

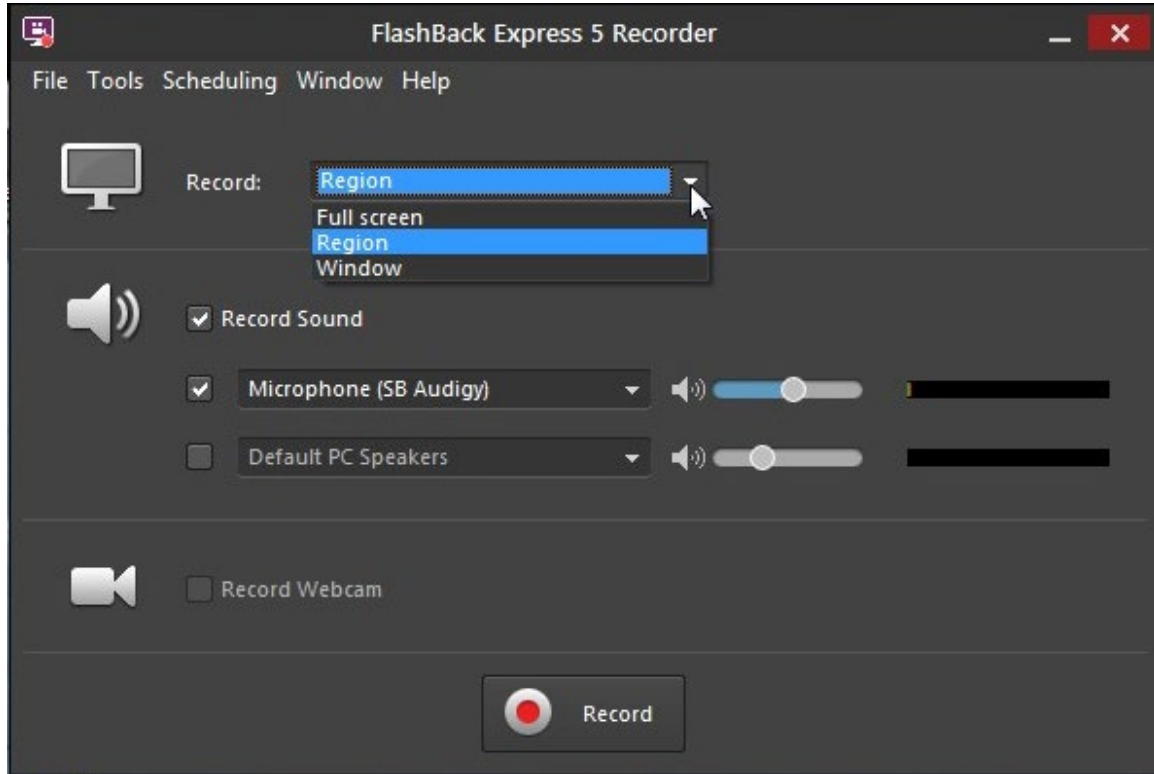


BB Flashback Express



Intuitief

BB Flashback Express



Intuitief

**Kies beeld-bron
en geluid-bron**

BB Flashback Express - uitgebreide edit mogelijkheden

The screenshot displays the BB Flashback Express software interface, which is used for creating interactive educational content. The main workspace shows three medical images: a cross-sectional CT scan of the chest, a sagittal MRI scan of the spine, and a coronal MRI scan of the abdomen. A white text box with the text "Div. figuren, annotaties" is overlaid on the chest CT scan. The interface includes a menu bar at the top with options like File, Edit, Insert, View, Movie, Sound, Effects, Tools, Actions, and Help. On the left side, there are panels for "Annotations" and "Textboxes" with various colored text boxes and shapes. Below these are "Images" with icons for checkmark, cross, question mark, and various drawing tools. A central control panel features three numerical labels (1195, 1111, 695) and directional arrows. At the bottom, there is a timeline with a play button, a progress bar, and a microphone icon. The status bar at the very bottom shows "Frame 20" and "Length 49:50".

FlashBack Pro 5 Player (Evaluation) - Flashback test1.fbr

File Edit Insert View Movie Sound Effects Tools Actions Help Buy FlashBack

Annotations Effects Edit

Textboxes

Your text Your text Your text

Your text Your text Your text

Your text Your text Your text

Your text Your text Your text

Your text Your text Your text

Images

✓ ✗ ?

□ ○ ▭

↶ ↷ ↸

↵ ↶ ↷

1195 1111 695

Made by FlashBack
<http://www.flashbackscorder.com/>
Watermark removed when fully licensed

Div. figuren, annotaties

Sagittal Coronal

00:01:43 0s 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 00:49:50

Share Export

Apply Zoom/Crop Fit

Frames
Mouse
Keys
ZoomPan
Objects

Microphone

Frame 20 Length 49:50

BB Flashback Express – div. export formaten

FlashBack Pro 5 Player (Evaluation) - Flashback test1.fbr

File Edit Insert View Movie Sound Effects Tools Actions Help Buy FlashBack

Annotations Effects Edit

Textboxes

Images

Share Export

Apply Zoom/Crop Fit

Frames 20-34 selected = 15 frames Length 49:50s

Select Export Format

- MPEG4**
Plays on a wide variety of mobile devices and most PCs. Can be used in HTML video.
[Learn more...](#)
- AVI**
Capable of high quality and compression, if you have a knowledge of AVI codecs.
[Learn more...](#)
- Flash**
Can be embedded on some web pages. Customisable controls.
[Learn more...](#)
- Windows Media Video (WMV)**
Plays on all PCs but few Macs. High quality and compression.
[Learn more...](#)
- GIF**
Plays on all PCs and Macs. Suitable only for smaller, shorter recordings.
[Learn more...](#)
- QuickTime (H264)**
Plays on all Macs and most PCs. High quality and compression.
[Learn more...](#)
- Standalone EXE**
Plays on all PCs but not Macs. Lossless quality and customisable playback controls.
[Learn more...](#)
- MS PowerPoint**
Produces a PowerPoint file, with the movie displayed in the first slide.
[Learn more...](#)

[View an article about export file formats.](#)

OK Cancel

Made by FlashBack
<http://www.flashbackrecorder.com/>
Watermark removed when fully licensed.

The proof of the pudding...



- Flashback Visible Human MPEG4.mp4
- Flashback Visible Human QT H2.64.mov
- Flashback Visible Human WMV.wmv

BB Flashback Express – beeldkwaliteit export valt tegen



- exports net iets 'melkiger'.
- H.264 alleen in .mov
- alleen .wmv wat scherper, maar wat hardere randen

Flashback Express

- **Meest intuïtieve bediening van allen**
- **Combi webcam en screenrecording mogelijk**
- **Uitgebreide editor**
- Diverse extra textboxjes, figuren toevoegbaar
- Diverse uitvoerformaten
- **Maar alle exports net iets melkiger, H.264 formaat alleen in .mov**



OBS Studio

Latest Releases 22.0.2 22.0.3 22.0.2

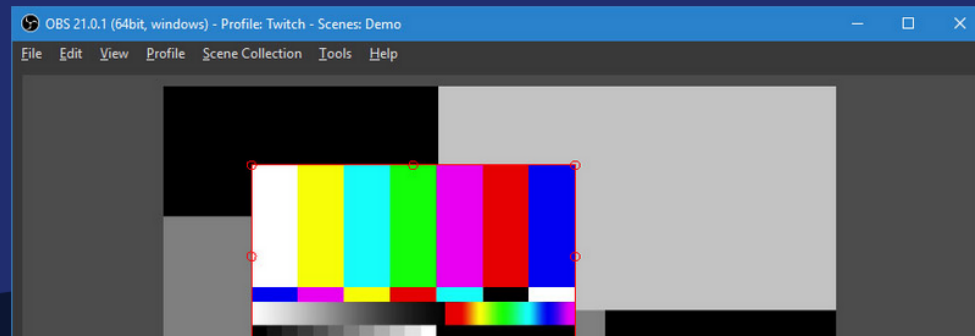
Windows

macOS 10.11+

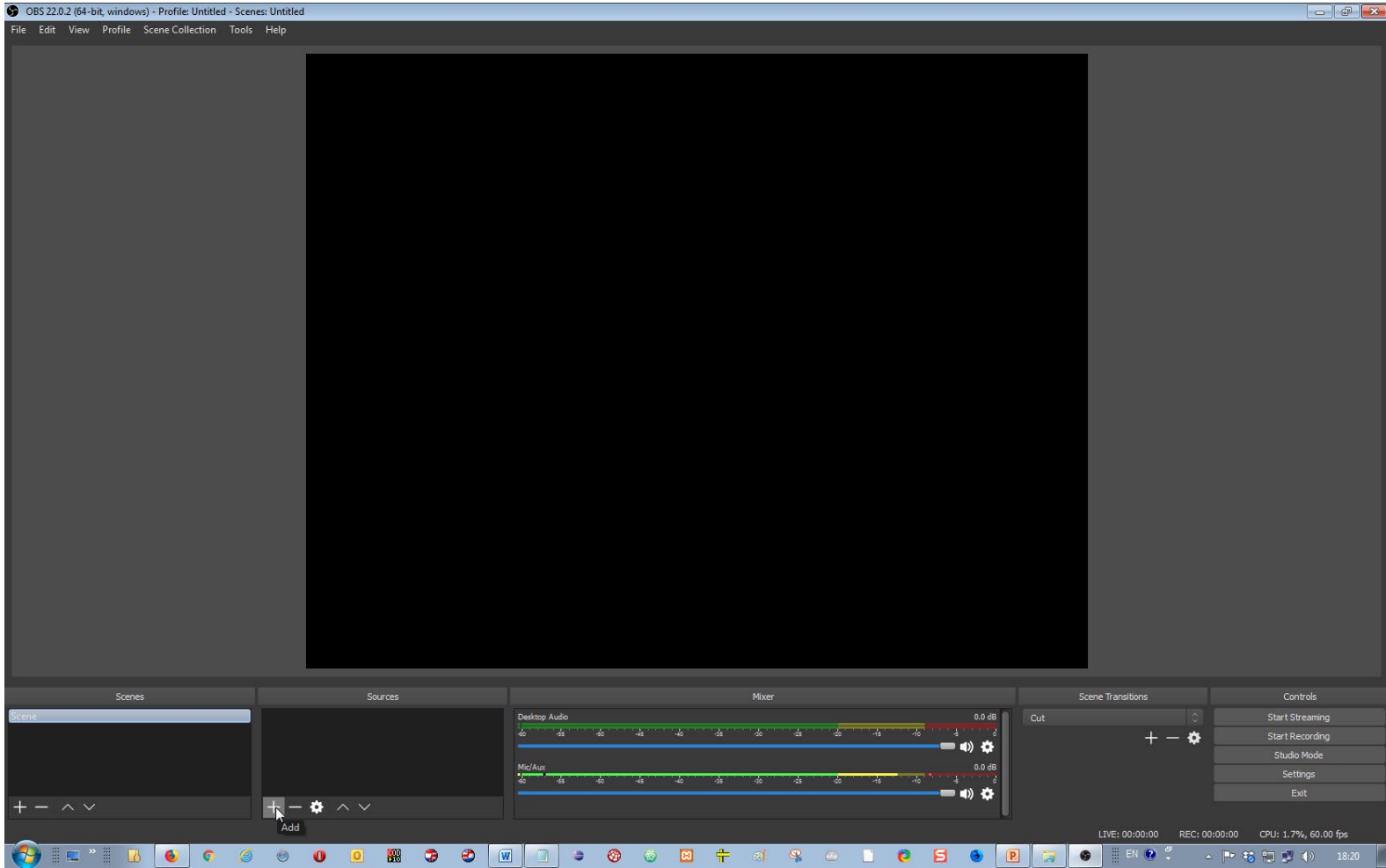
Linux

Free and open source software for video recording and live streaming.


Download and start streaming quickly and easily on Windows, Mac or Linux.



OBS (Open Broadcaster Software) Beginscherm



OBS Toevoegen webcam beeld



The screenshot shows the OBS Studio interface. The main window title is "OBS 22.0.2 (64-bit, windows) - Profile: Untitled - Scenes: Untitled". The menu bar includes "File", "Edit", "View", "Profile", "Scene Collection", "Tools", and "Help". The central preview area is black with a white box containing the text "Klik + en kies Video Capture Device". The source menu is open, listing various capture options. The "Video Capture Device" option is highlighted in blue. Below the main menu, there is a sub-menu for "Video Capture Device" with the same list of options. The bottom of the screen shows the Mixer, Scene Transitions, and Controls panels, along with the Windows taskbar.

Audio Input Capture
Audio Output Capture
Browser
Color Source
Display Capture
Game Capture
Image
Image Slide Show
Media Source
Scene
Text (GDI+)
Video Capture Device
Window Capture

Group
Deprecated

Audio Input Capture
Audio Output Capture
Browser
Color Source
Display Capture
Game Capture
Image
Image Slide Show
Media Source
Scene
Text (GDI+)
Video Capture Device
Window Capture
Group
Deprecated

Mixer
Desktop Audio 0.0 dB
Mic/Aux 0.0 dB

Scene Transitions
Cut

Controls
Start Streaming
Start Recording
Studio Mode
Settings
Exit

LIVE: 00:00:00 REC: 00:00:00 CPU: 2.6%, 60.00 fps

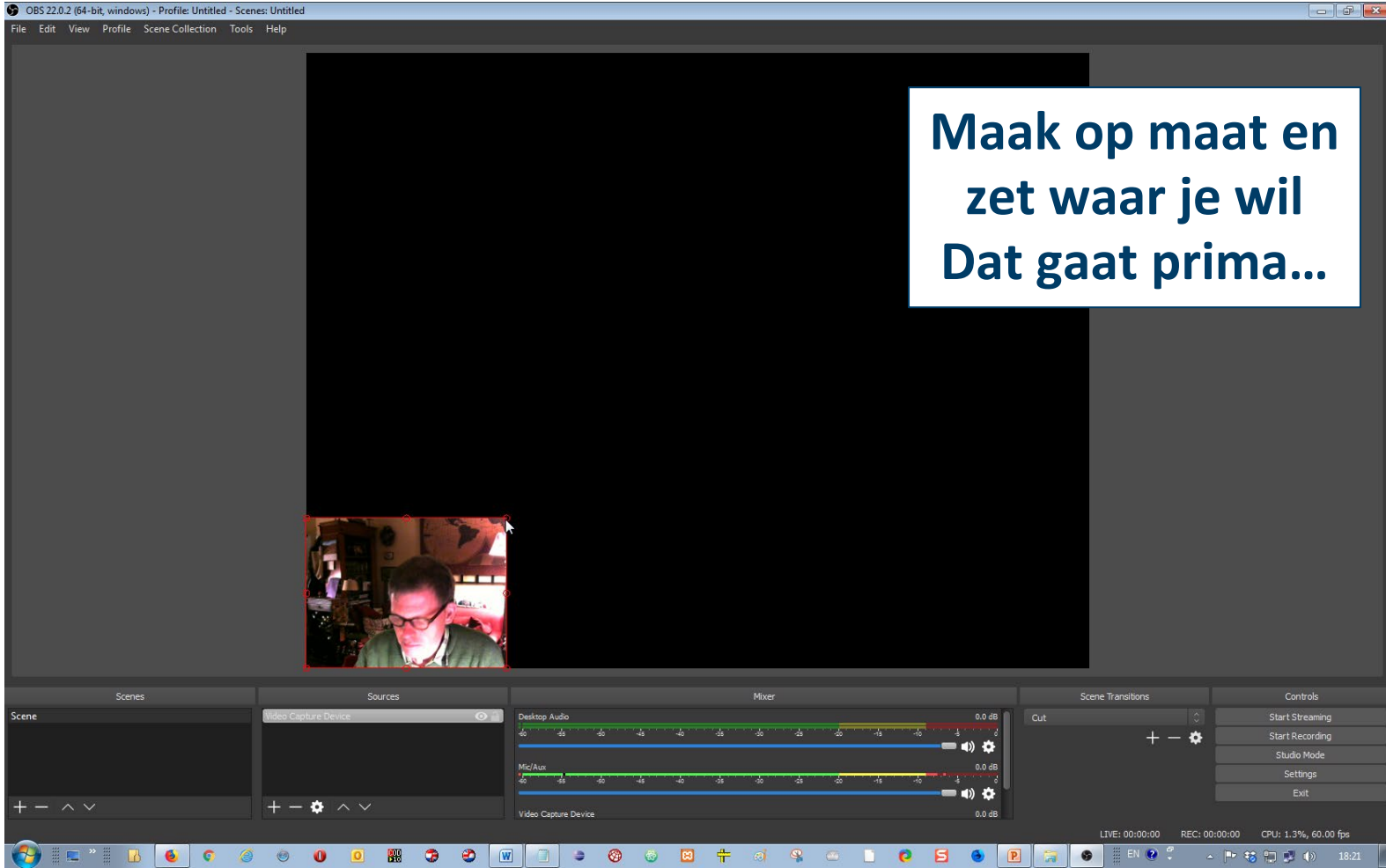
18:20

OBS Toevoegen webcam beeld

Nog 2 vensters
door

The screenshot displays the OBS Studio interface with two dialog boxes open. The 'Create/Select Source' dialog is in the foreground, showing the 'Create new' section with 'Video Capture Device' selected. The 'Capture Device' dialog is open behind it, showing the 'Logitech HD Webcam C310' selected as the device. The 'Resolution/FPS Type' is set to 'Device Default', and the 'Resolution' is set to 'Device Default'. The 'FPS' is set to 'Match Output FPS'. The 'Video Format' is set to 'Any', 'YUV Color Space' is 'Default', 'YUV Color Range' is 'Partial', and 'Buffering' is 'Auto-Detect'. The 'OK' button is highlighted. The background shows the OBS Studio interface with a scene named 'Scene' and a source named 'Video Capture Device'. The mixer shows 'Desktop Audio' and 'Mic/Aux' levels. The bottom status bar shows 'LIVE: 00:00:00', 'REC: 00:00:00', 'CPU: 2.1%, 60.00 fps', and the system clock '18:21'.

OBS Toevoegen webcam beeld



The screenshot displays the OBS Studio interface. The main preview window is mostly black, with a small video capture device feed in the bottom-left corner showing a man with glasses. A white text box with blue text is overlaid on the right side of the preview area. The interface includes a menu bar at the top, a scene list on the left, a source list in the middle, a mixer with audio levels for Desktop Audio, Mic/Aux, and Video Capture Device, and a controls panel on the right. The Windows taskbar is visible at the bottom.

OBS 22.0.2 (64-bit, windows) - Profile: Untitled - Scenes: Untitled

File Edit View Profile Scene Collection Tools Help

Maak op maat en
zet waar je wil
Dat gaat prima...

Scenes Sources Mixer Scene Transitions Controls

Scene

Video Capture Device

Desktop Audio 0.0 dB

Mic/Aux 0.0 dB

Video Capture Device 0.0 dB

Cut

Start Streaming

Start Recording

Studio Mode

Settings

Exit

LIVE: 00:00:00 REC: 00:00:00 CPU: 1.3%, 60.00 fps

18:21

OBS Toevoegen venster

The screenshot shows the OBS Studio interface. The main preview window is black with a white box containing the text "Klik + en kies Window Capture". The 'Add' menu is open, showing various source types. 'Window Capture' is highlighted in blue. The interface includes a menu bar at the top, a 'Scenes' panel on the left, a 'Mixer' panel at the bottom center, and a 'Scene Transitions' and 'Controls' panel on the right. The Windows taskbar is visible at the bottom.

OBS 22.0.2 (64-bit, windows) - Profile: Untitled - Scenes: Untitled

File Edit View Profile Scene Collection Tools Help

Audio Input Capture
Audio Output Capture
Browser
Color Source
Display Capture
Game Capture
Image
Image Slide Show
Media Source
Scene
Text (GDI+)
Video Capture Device
Window Capture
Group
Deprecated

Scenes

Scene

Mixer

Desktop Audio 0.0 dB
Mic/Aux 0.0 dB
Video Capture Device 0.0 dB

Scene Transitions

Cut

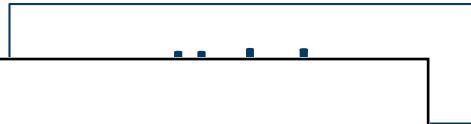
Controls

Start Streaming
Start Recording
Studio Mode
Settings
Exit

LIVE: 00:00:00 REC: 00:00:00 CPU: 3.0%, 60.00 fps

18:21

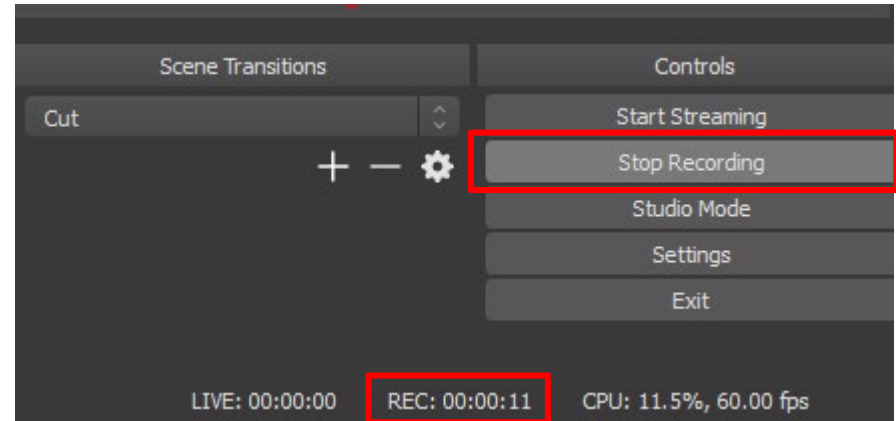
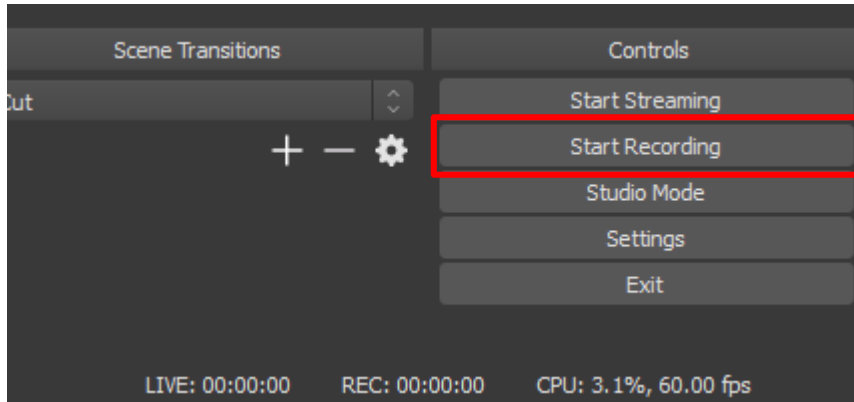
OBS Toevoegen venster



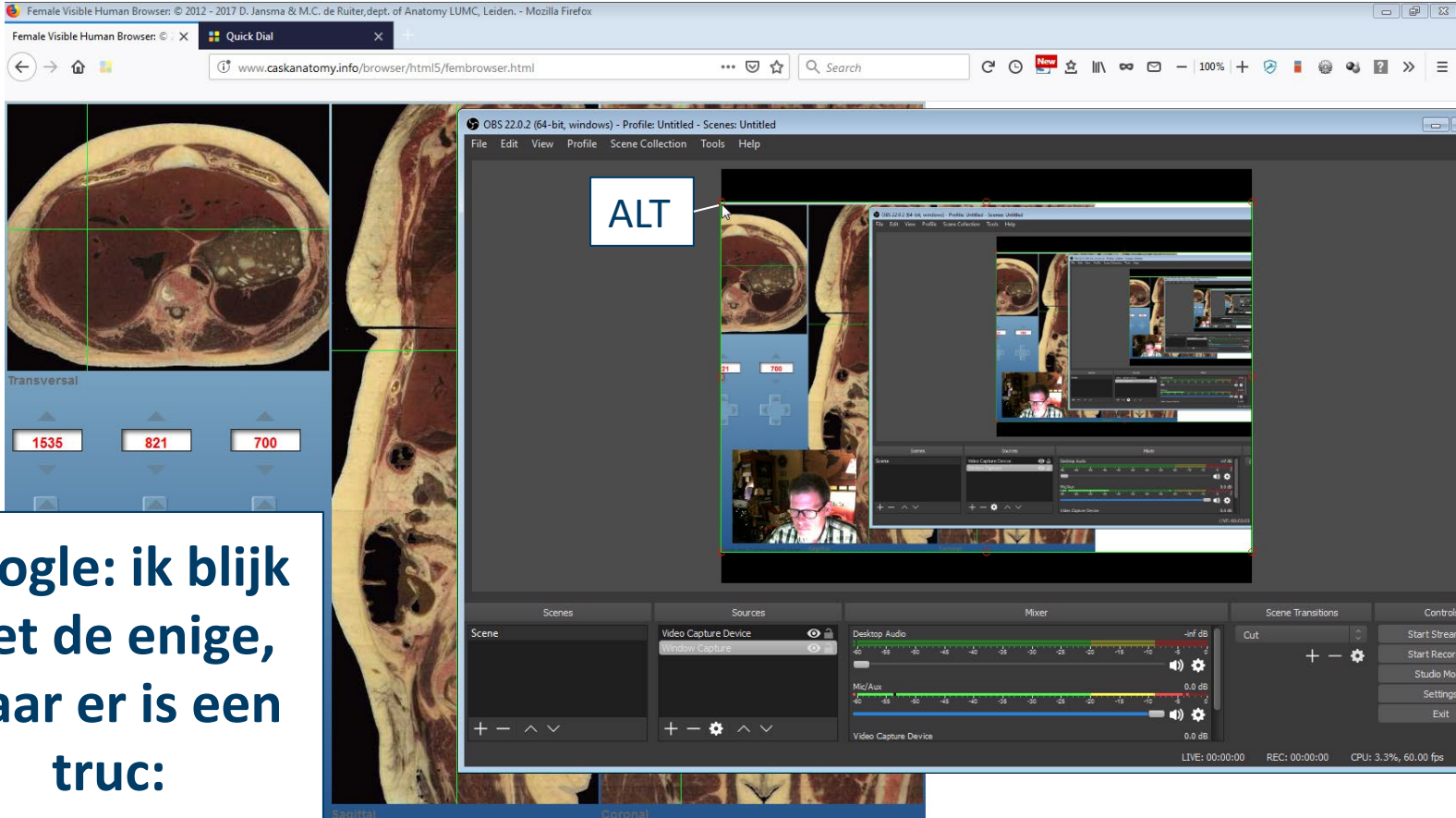
OBS (Open Broadcaster Software)

Nou ja, maar 'ns
proberen wat er
gebeurt als ik op
'Start Recording'
druk

Er gebeurt niks..
oh ja er staat nu 'Stop
Recording'
en de REC teller loopt...
De opname is in de ingestelde
folder gekomen



OBS - Regio selecteren... oe hier begint de hoofdpijn



The screenshot shows the OBS Studio interface. The main preview window displays a browser window with a 3D anatomical model of a human torso. A white box labeled "ALT" is positioned over a region of the browser window. The browser window shows a 3D anatomical model of a human torso with a green crosshair. The OBS interface includes a preview window, a mixer, and a scene list.

Transversal

1535 821 700

Sagittal Coronal

ALT

OBS 22.0.2 (64-bit, windows) - Profile: Untitled - Scenes: Untitled

File Edit View Profile Scene Collection Tools Help

Scenes Sources Mixer Scene Transitions Controls

Scene: + - ^ v

Sources: Video Capture Device (Window Capture)

Mixer: Desktop Audio, Mic/Aux, Video Capture Device

Scene Transitions: Cut + -

Controls: Start Stream, Start Record, Studio Mode, Settings, Exit

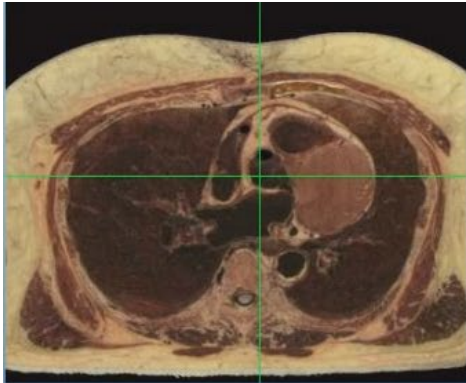
LIVE: 00:00:00 REC: 00:00:00 CPU: 3.3%, 60.00 fps

Google: ik blijk niet de enige, maar er is een truc:

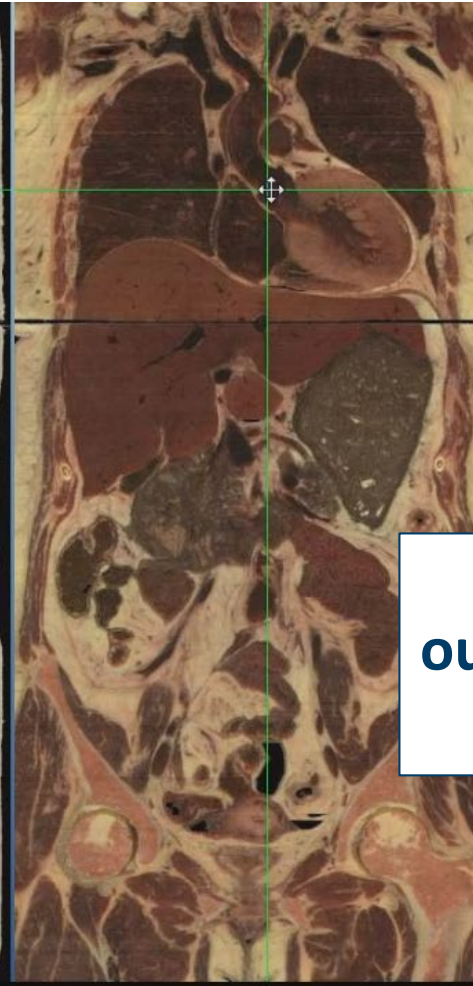
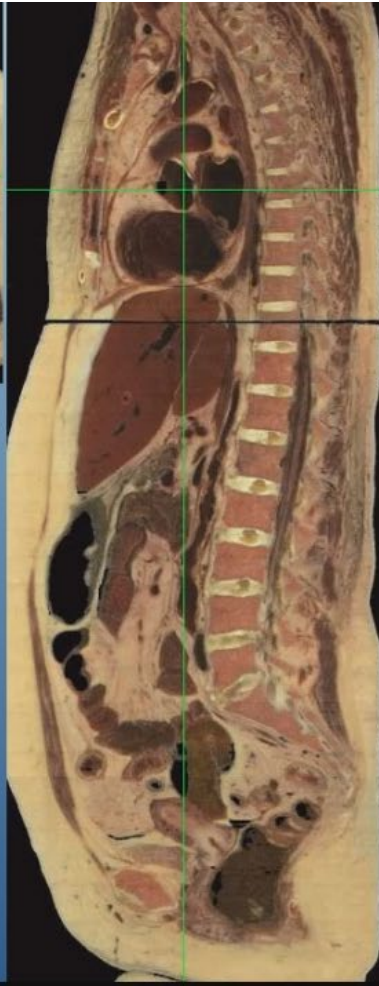
region opnemen: gebruik ALT tijdens venster slepen!

<https://blog.vaughnsoft.com/2018/06/27/how-to-do-a-screen-region-capture-in-obs-studio/>

OBS - Regio selecteren... oe hier begint de hoofdpijn



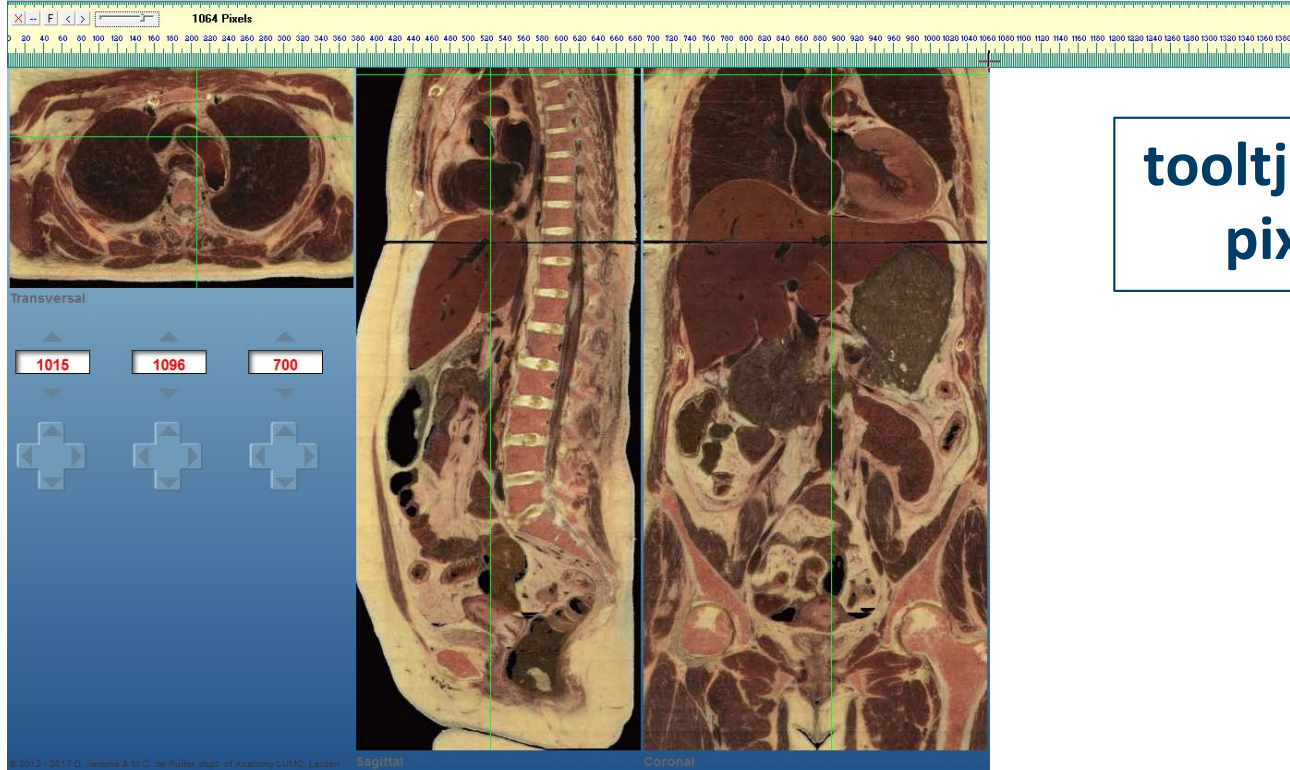
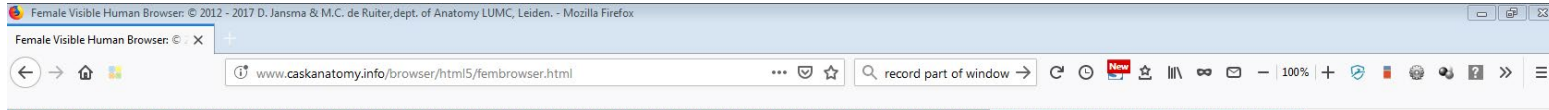
Transversal



**Mooi, maar nu
bij export nog
zwart ernaast.**

**Google:
output coördinaten
invoeren**

OBS - Regio selecteren... oe hier begint de hoofdpijn



tooltje (JRulerPro):
pixels meten



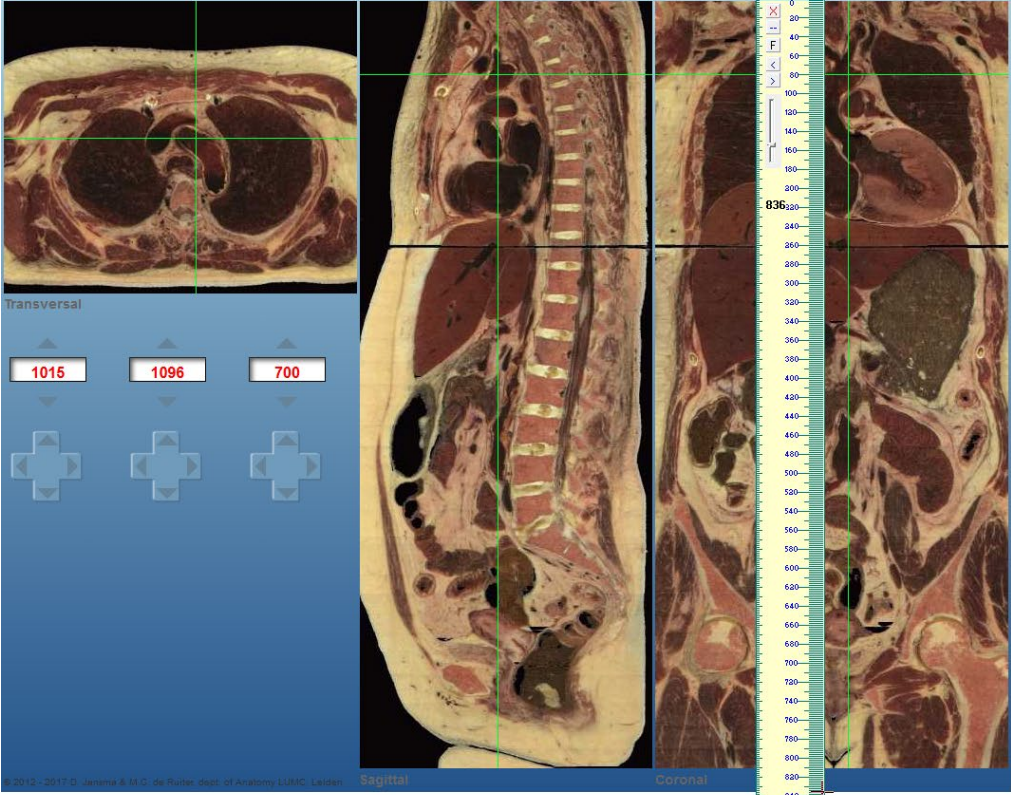
OBS - Regio selecteren... oe hier begint de hoofdpijn

Female Visible Human Browser: © 2012 - 2017 D. Jansma & M.C. de Ruiter, dept. of Anatomy LUMC, Leiden - Mozilla Firefox

Female Visible Human Browser: © × +

www.caskanatomy.info/browser/html5/fembrowser.html

record part of window



Transversal

1015 1096 700

Sagittal

Coronal

0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500 520 540 560 580 600 620 640 660 680 700 720 740 760 780 800 820 840

836

tooltje (JRulerPro): pixels meten

© 2012 - 2017 D. Jansma & M.C. de Ruiter, dept. of Anatomy LUMC, Leiden

OBS Instellingen

The image shows the OBS Studio 22.0.2 settings window, specifically the General tab. The window is titled "Settings" and has a dark theme. On the left side, there is a sidebar with icons for General, Stream, Output, Audio, Video, Hotkeys, and Advanced. The main area is divided into several sections with various settings:

- General**
 - Language: English
 - Theme: Dark
 - Automatically check for updates on startup
 - Open stats dialog on startup
- Output**
 - Show confirmation dialog when starting streams
 - Show confirmation dialog when stopping streams
 - Automatically record when streaming
 - Keep recording when stream stops
 - Automatically start replay buffer when streaming
 - Keep replay buffer active when stream stops
- Source Alignment Snapping**
 - Enable
 - Snap Sensitivity: 10.0
 - Snap Sources to edge of screen
 - Snap Sources to other sources
 - Snap Sources to horizontal and vertical center
- Projectors**
 - Hide cursor over projectors
 - Make projectors always on top
 - Save projectors on exit
- System Tray**
 - Enable
 - Minimize to system tray when started
 - Always minimize to system tray instead of task bar
- Studio Mode**
 - Transition to scene when double-clicked
 - Enable portrait/vertical layout

At the bottom right of the settings window, there are buttons for "OK", "Cancel", and "Apply". The background shows the OBS Studio interface with a menu bar (File, Edit, View, Profile, Scene Collection, Tools, Help) and a scene preview area.

OBS Instellingen

coördinaten
invullen

The image shows the OBS Studio interface with the Settings window open. The 'Video' tab is selected in the left sidebar. A callout box highlights the following settings:

Base (Canvas) Resolution	1064x836
Output (Scaled) Resolution	1064x836
Downscale Filter	Bicubic (Sharpened scaling, 16 samples)
Common FPS Values	60

The main Settings window also shows the following options:

- Base (Canvas) Resolution: 1064x836
- Output (Scaled) Resolution: 1064x836
- Downscale Filter: Bicubic (Sharpened scaling, 16 samples)
- Common FPS Values: 60
- Disable Aero

At the bottom of the Settings window, there are 'OK', 'Cancel', and 'Apply' buttons. The OBS Studio interface also shows a 'Transitions' panel on the right and a 'Controls' panel with buttons for 'Start Streaming', 'Start Recording', 'Studio Mode', 'Settings', and 'Exit'. The system tray at the bottom shows 'LIVE: 00:00:00', 'REC: 00:00:00', 'CPU: 3.4%, 60.00 fps', and the time '21:42'.

The proof of the pudding...



- OBS Studio test2 1280x720 indistinguishable qual.mp4
- OBS Studio test3 Custom 1064x836 indisting qual.mp4

OBS beeldkwaliteit



- bij een standaard resolutie: .mp4 goed
- custom bepaalde afmeting: .mp4 behoorlijk goed

OBS (Open Broadcaster Software)

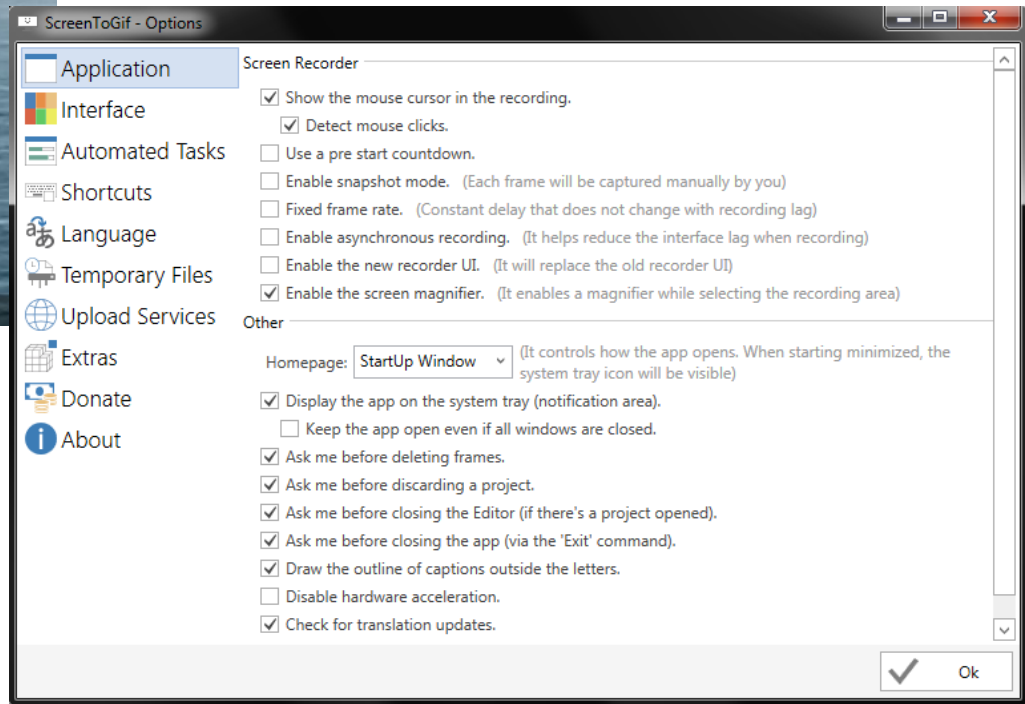
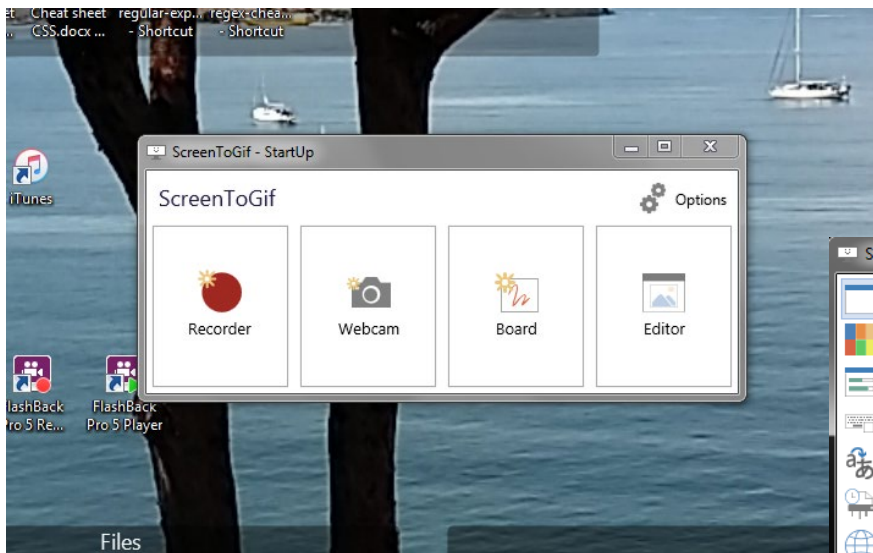
- **Professioneel maar complex!!!**
- **Best gevonden software voor combi meerdere bronnen**
- **Zou vooral goed zijn voor high frame rate opnames (games), 3D?**
- Richt zich op life streamen
- Video van *deel* scherm uitermate lastig
- Beeldkwaliteit behoorlijk goed (maar is t goed ingesteld?)



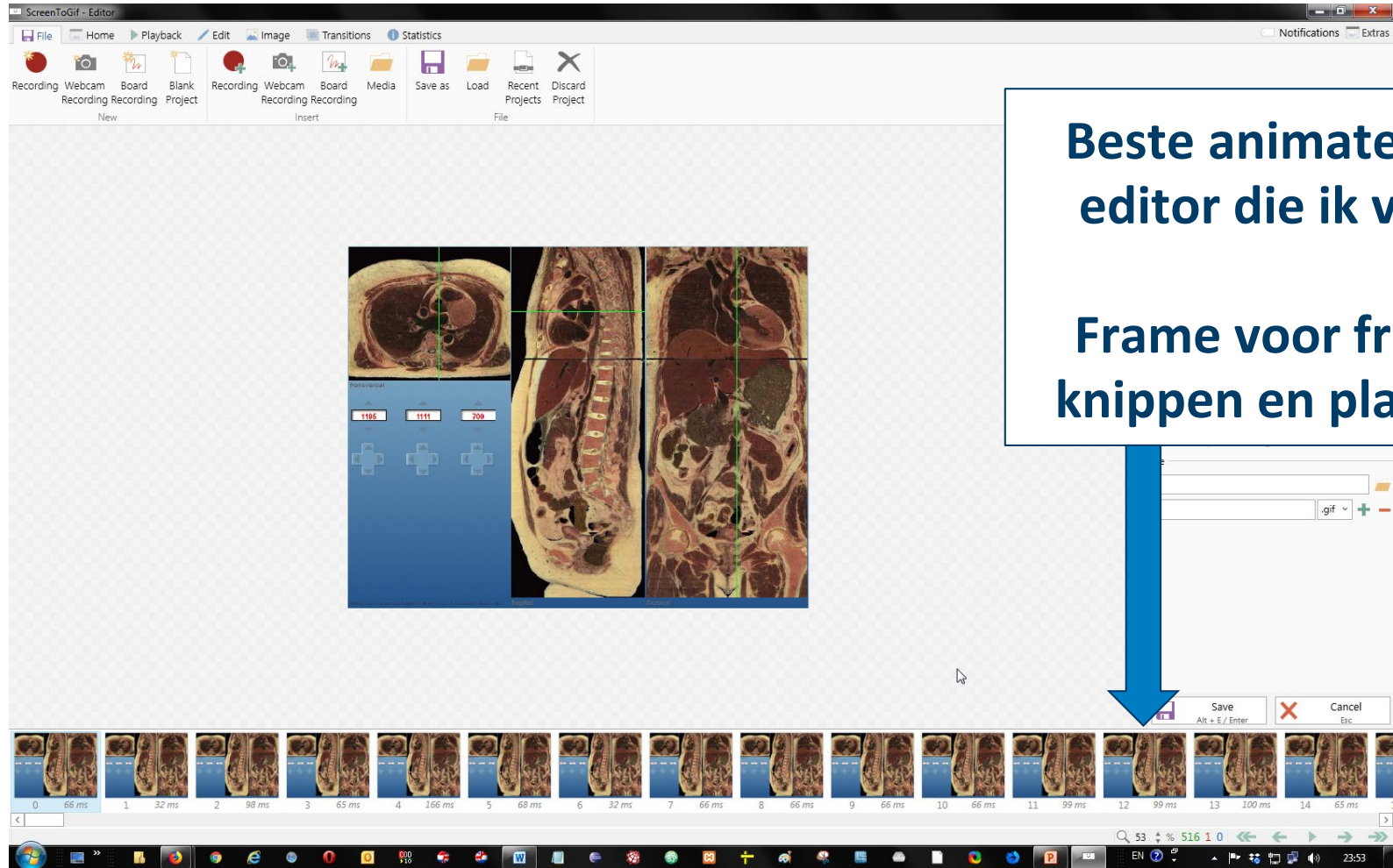
ScreenToGif

Screen, webcam and sketchboard recorder with an integrated editor.

ScreenToGif



ScreenToGif - editor



**Beste animated gif
editor die ik vond**

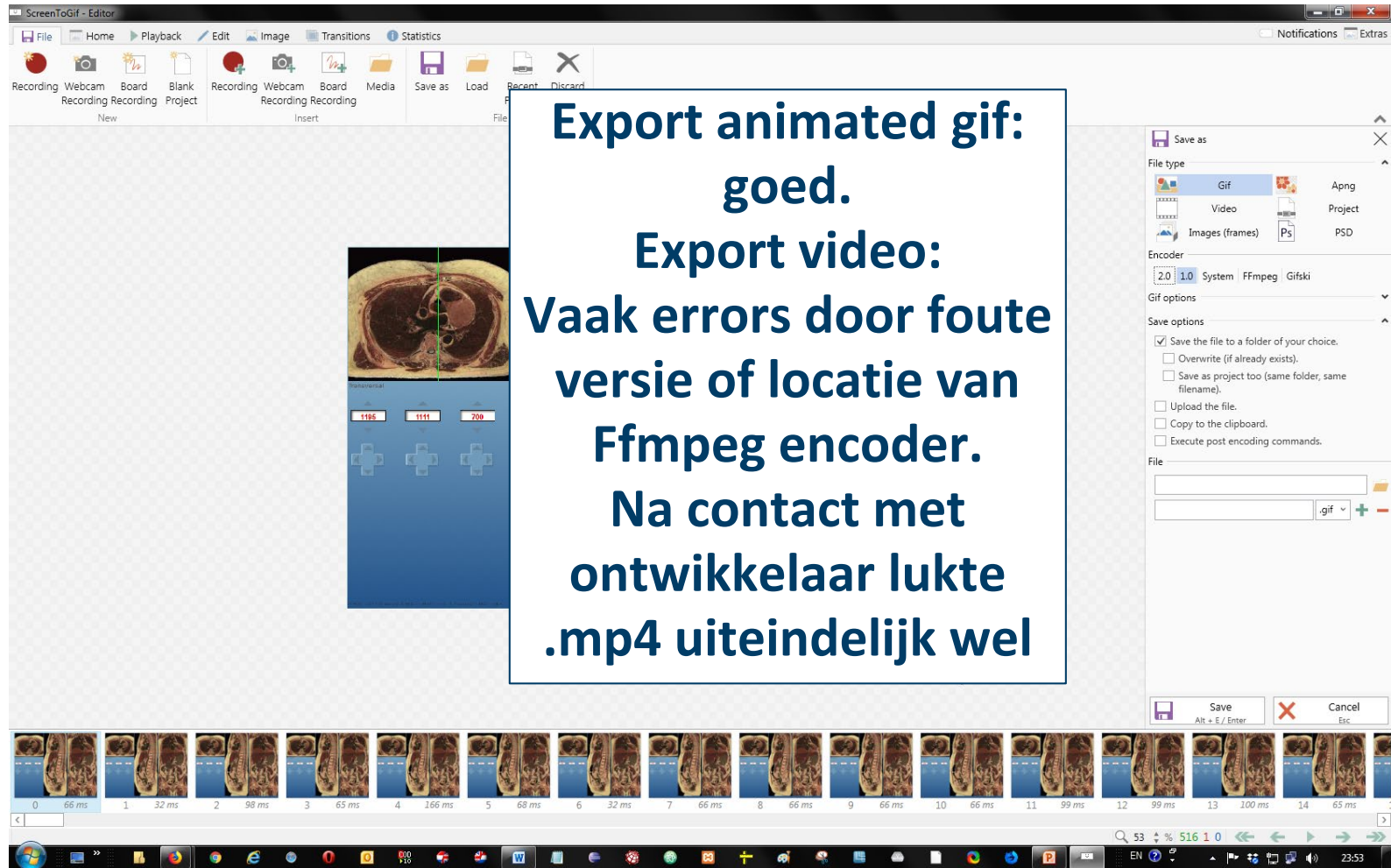
**Frame voor frame
knippen en plakken**



Save
Alt + E / Enter

Cancel
Esc

ScreenToGif - editor



The screenshot displays the ScreenToGif editor interface. The main window shows a video frame of a medical scan with a vertical green line indicating a split. Below the frame is a blue control panel with three red buttons labeled '1195', '1111', and '700'. The bottom of the window features a timeline with 14 frames, each with a duration in milliseconds. A 'Save as' dialog box is open on the right side, showing the 'File type' dropdown set to 'Gif', the 'Encoder' dropdown set to '2.0', and the 'File' field empty. The 'Save' button is highlighted.

**Export animated gif:
goed.**

**Export video:
Vaak errors door foute
versie of locatie van
Ffmpeg encoder.**

**Na contact met
ontwikkelaar lukte
.mp4 uiteindelijk wel**

The proof of the pudding...



- [Screentogif Visible Human.gif](#)
- [Screentogif Visible Human.mp4](#)

ScreenToGif - beeldkwaliteit



- Animated gif behoorlijk goed
- .mp4 behoorlijk goed (maar geen geluid...)

ScreenToGif

- Gratis
- **Intuitieve bediening**
- **Uitgebreide animated gif editor: frame voor frame knipbaar**
- Animated gif goede kwaliteit
- Ook mp4 export: goede kwaliteit
- Maar video formaten buggy (mp4, webm, wmv)
- Geen geluid!

Schermafbeelding – conclusies: het hangt af van wat je wilt

- Alle opname mogelijkheden, lossless codec: **Camtasia** (maar: duur!!!)
- Rechthoekig-rechthoekig screencast, beeldkwaliteit all-over best: **Snagit**
- Gratis, goede beeldkwaliteit: **ShareX**
- Combinaties van beelden of high frame-rate (3D?): **OBS** (maar: moeilijk!)
- Animated gif: **ShareX**
- Animated gif knippen: **ScreenToGif**
- Animated gif op Mac: **Giphy** (NB: niet getest)
- Alles-in-één, intuïtief, beeldkwaliteit minder belangrijk: **Flashback**
- Cursor-highlight: **Camtasia**, **ScreenToGif** (maar geen geluid), **Flashback** (maar: melkiger beeld)

BEWERKEN

EDIT TOOLS

Advies

Gebruik een apart edit programma, bijv.

Adobe Première Pro - marktleider

Open Shot – open source gratis

Shotcut – open source gratis

en veel meer...

Hergebruik

1. Licentie
2. Technisch

Creative Commons



De combinaties van labels die je aan een CC gelicentieerd werk kan meegeven



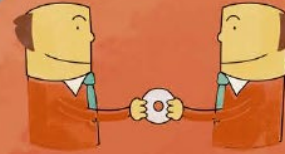
Attribution

Yes, you can use my videos but make sure you say they were created by Mr O'Pen!



ShareAlike

Yes, you can use and remix my videos, but you must share remixes with the same license!



NoDerivs

Yes, you can use my videos but only as they are. No remixing!



NonCommercial

Yes, you can use my videos, but not for commercial purposes!



CC BY



CC BY-SA



CC BY-NC



CC BY-NC-SA



CC BY-ND

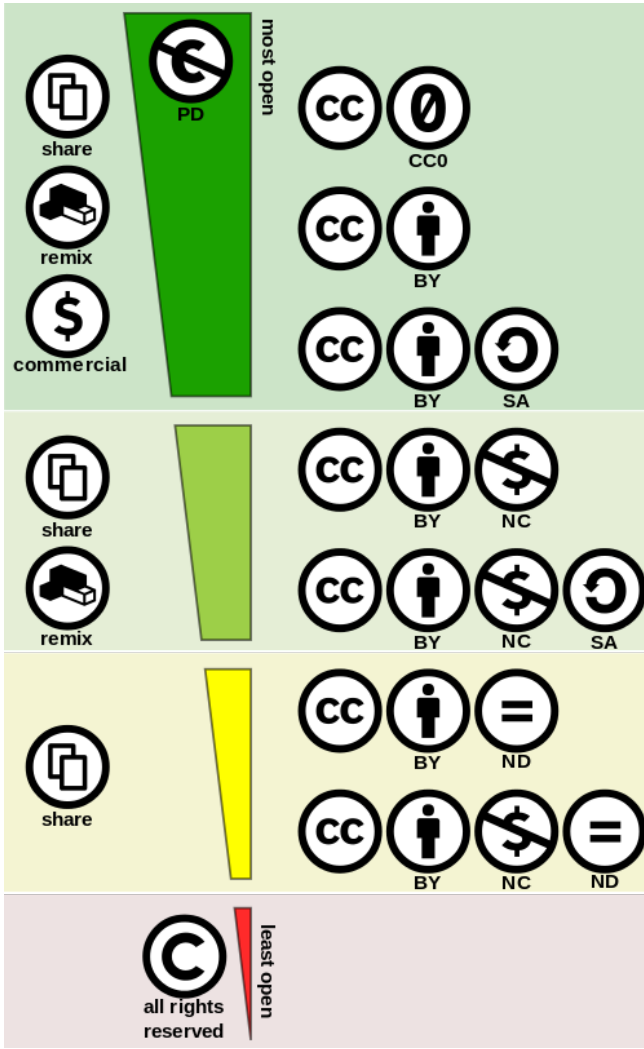


CC BY-NC-ND



[Meer info..](#)

For more information: creativecommons.org



Zet de licentie aan het begin of einde in de film

Als ik een video op YouTube plaats, mag ik iemand anders hem dan hergebruiken (aanpassen, herpubliceren)?

Standaard instelling: Standaard YouTube license. Dan mag het niet.
Je mag alleen er naar linken/embedden (dan speelt ie in YouTube af).

Je kan kiezen voor een CC BY licentie. Dan mag het wel.

<https://open.ed.ac.uk/how-to-guides/how-to-apply-a-cc-license-on-a-publishing-platform-youtubeflickrwordpress/applying-a-cc-licence-on-youtube/>

Als ik een video op YouTube wil plaatsen met een CC BY NC SA licentie, hoe doe ik dat?

Advies van juridisch medewerker van Cable Green, Director Open Education Creative Commons op vraag:

- Kies YouTube standard licentie
- Zet zowel in de film als in de commentaren eronder de door jou gewenste CC licentie.

<https://open.ed.ac.uk/how-to-guides/how-to-apply-a-cc-license-on-a-publishing-platform-youtubeflickrwordpress/applying-a-cc-licence-on-youtube/>

Als ik een video maak in het Engels met een CC BY ND licentie, mag iemand anders dan een Nederlands ondertitelde versie er van maken?

Nee, Non-derivative.

Als ik een video maak met een CC BY NC SA licentie, mag deze dan op Wikipedia gebruikt worden?

Nee, Wikipedia gebruikt CC BY SA.

Conclusie: denk na over je licentie.

ALMS framework:

<https://www.redhat.com/archives/osdc-edu-authors/2011-January/pdfoziqzY4Mtn.pdf>

The Four R's of Openness and ALMS Analysis: Frameworks for Open Educational Resources

Hilton III, J, Wiley D, Stein J, Johnson A.

Access to editing tools?

- Dure of obscure tools: Adobe Premiere

Level of expertise required to revise or remix?

- 3D software – zeer complex
- Video software
- Word - makkelijk

Meaningfully editable?

- foto van tekst is niet editable
- jpeg minder editable dan psd
- eind video (.mp4, avi) minder editable dan bronbestanden

Source-file access?

- Video: .prproj,+ allerlei losse bron files

Herbruik door stuk uit video te gebruiken

- To start a YouTube video at a certain moment: add '?start=xxx' (xxx should be number of seconds) to the end of the URL
- To end a YouTube video at a certain moment: add '?end=xxx' (xxx should be number of seconds) to the end of the URL
- To prevent another YouTube video from playing after your video: add '?rel=0' to the end of the URL
- To combine such commands, concatenate them with '&'. Don't repeat the '?', only use one '?' at the beginning of the commands.
- Example: <https://www.youtube.com/embed/QNKKW6k6RSQ?rel=0&start=118&end=148>