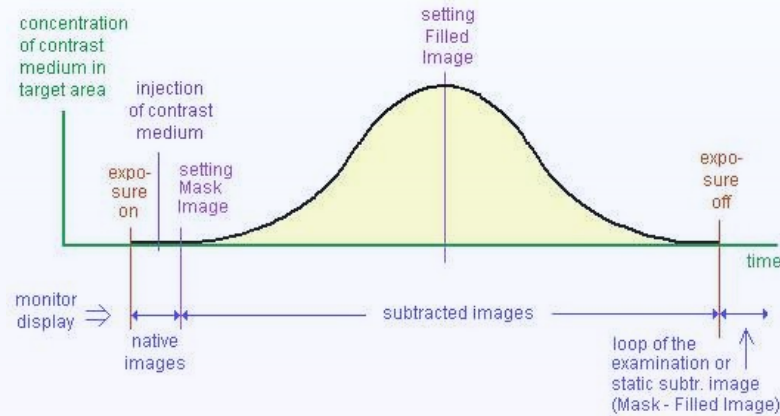


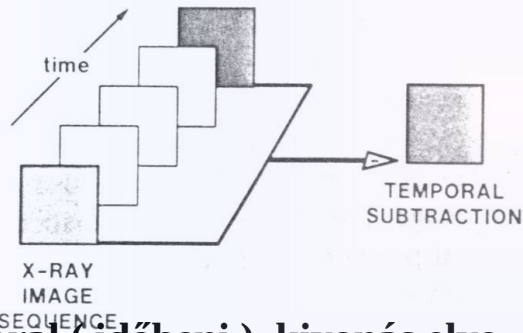
**DSA**

**DIGITÁLIS SZUBTRAKCIÓS  
ANGIOGRÁFIA**

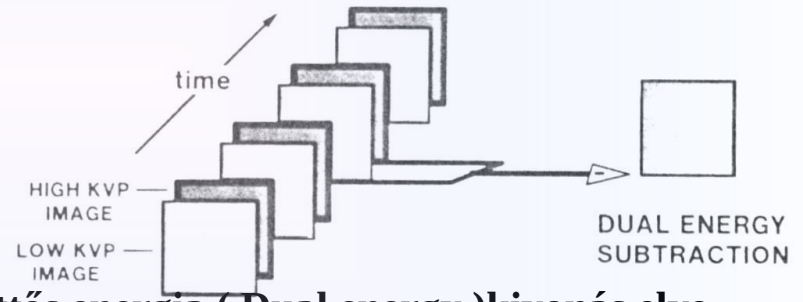
# DSA DIGITÁLIS SZUBTRAKCIÓS ANGIOGRÁFIA



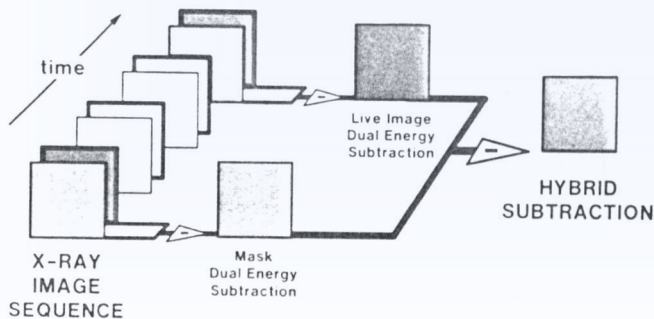
## Kontrasztanyag koncentráció változása



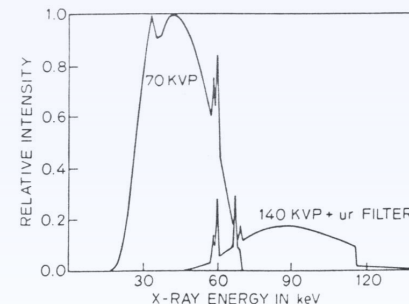
## Temporál ( időbeni ) kivonás elve



## Kettős energia ( Dual energy )kivonás elve



## Hibrid kivonás elve



X-ray spectra for 70-kVp and 140-kVp X-ray beams used for dual- kVp subtraction.

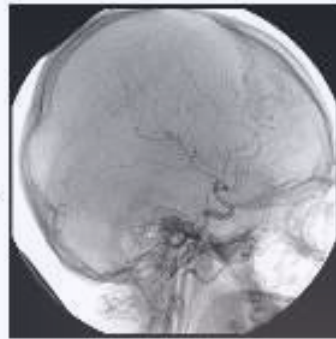
## Kettős energia → DUAL CT

# DSA DIGITÁLIS SZUBTRAKCIÓS ANGIOGRÁFIA DSA szolgáltatásai

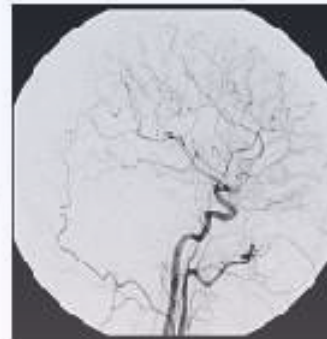
Principle DSA : Mask Image - Filled Image = Subtracted Image



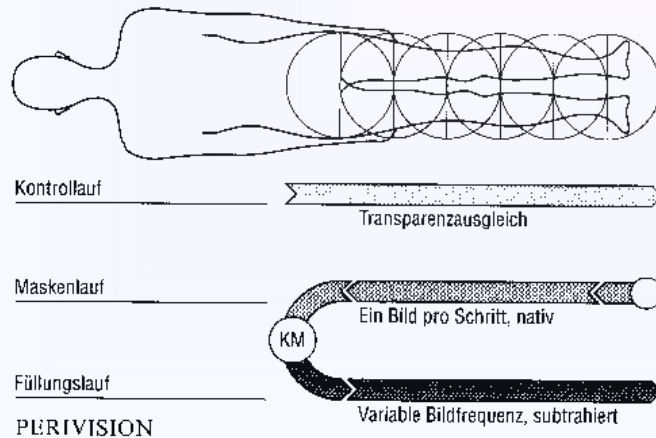
Mask Image



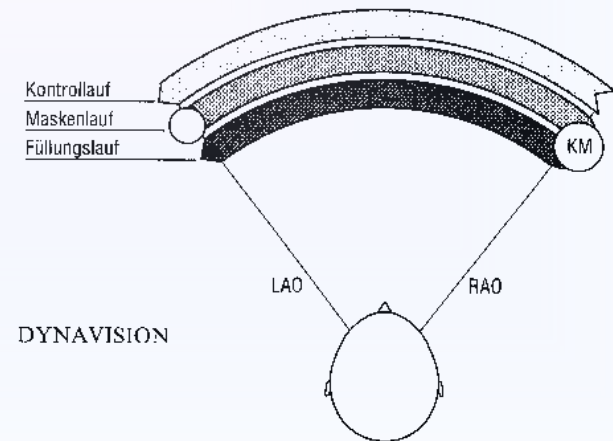
Filled Image



Subtracted Image

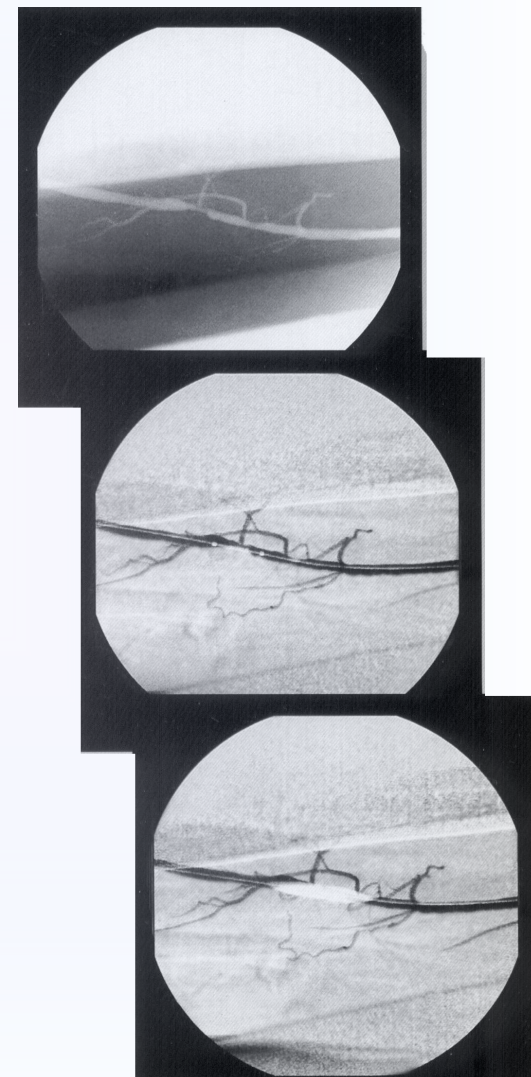
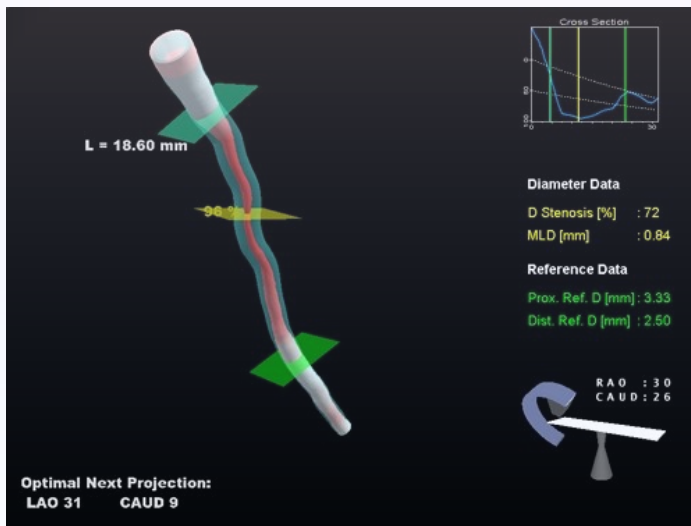
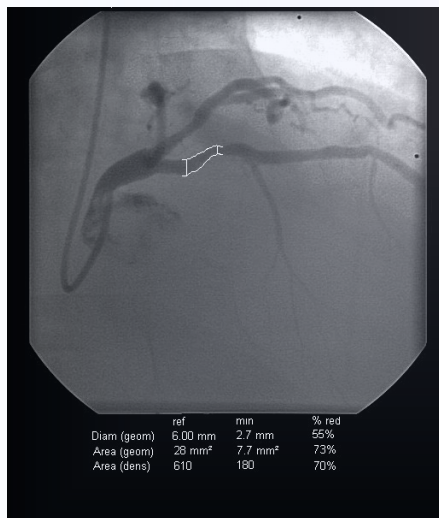
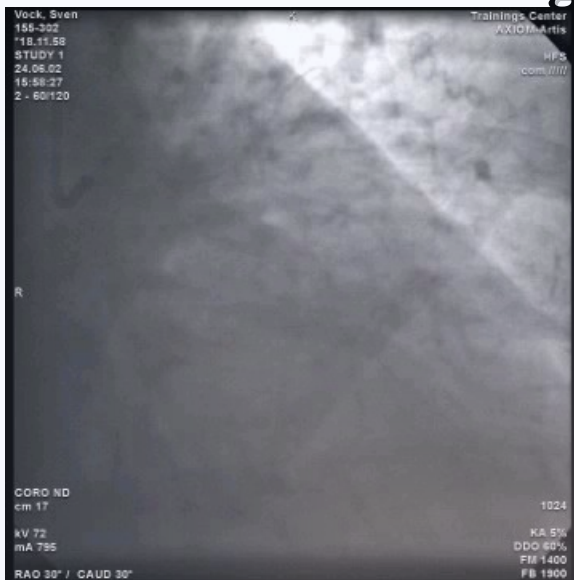


**Perivision,**



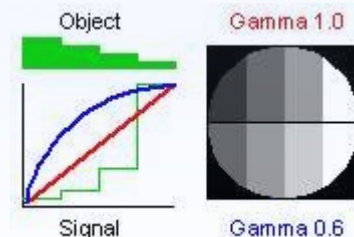
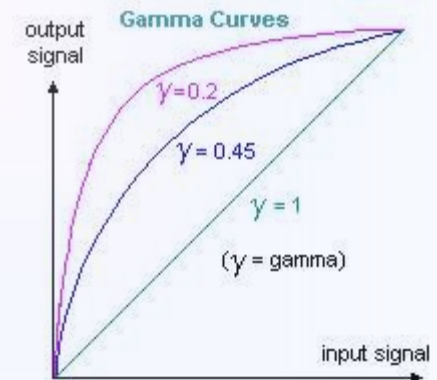
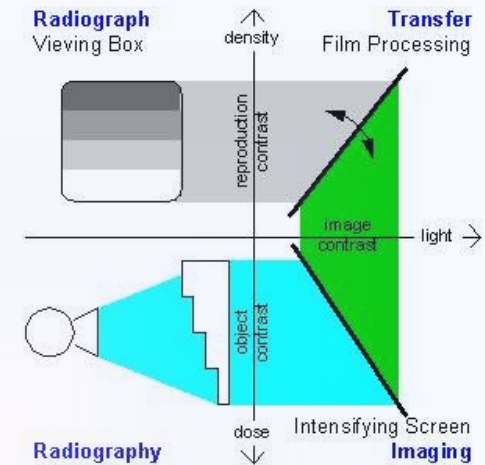
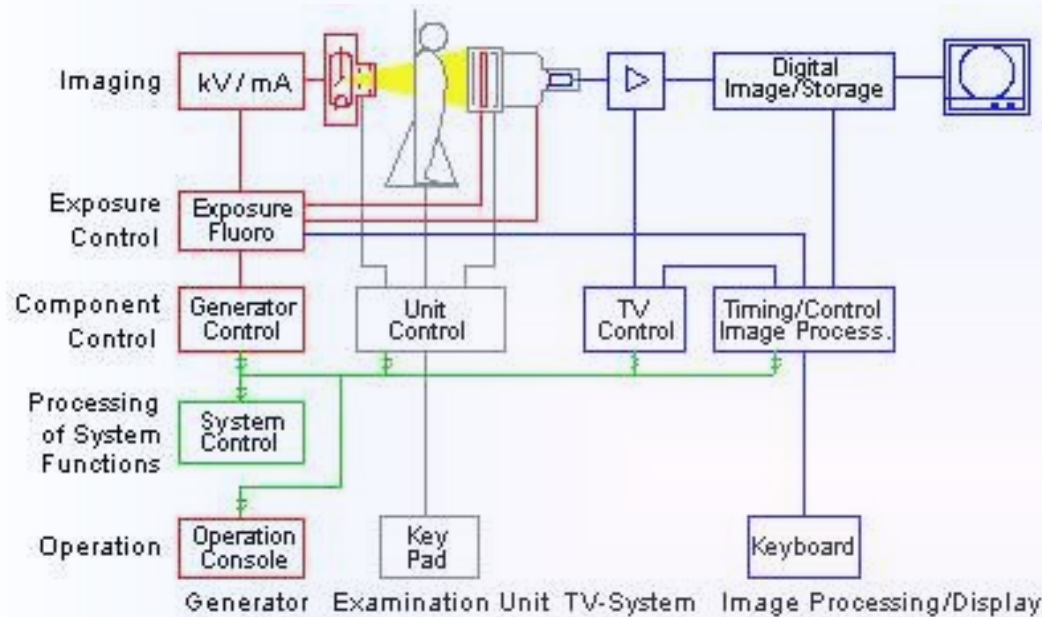
**Dynavision → DYNA CT**

# DSA DIGITÁLIS SZUBTRAKCIÓS ANGIOGRÁFIA DSA szolgáltatásai

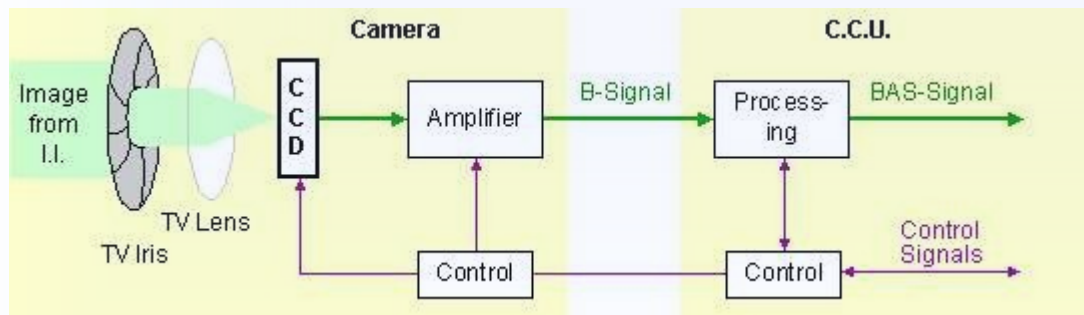


Angiográfia, érszűkület diagnosztizálása, ballonos tágítás követés

# DSA DIGITÁLIS SZUBTRAKCIÓS ANGIOGRÁFIA DSA konstrukciók



## Digitális radiológiai berendezés elvi felépítése



## CCD kamera egység

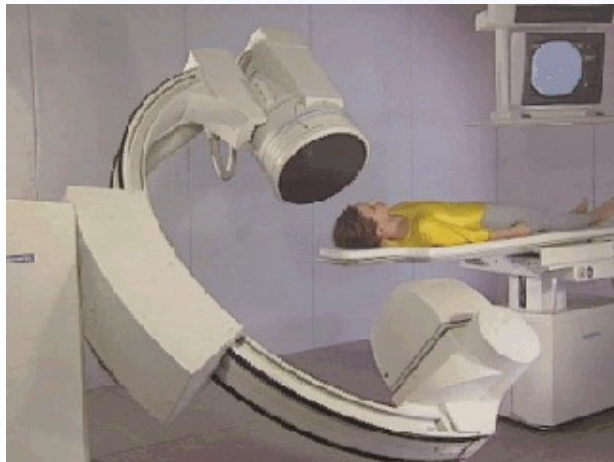
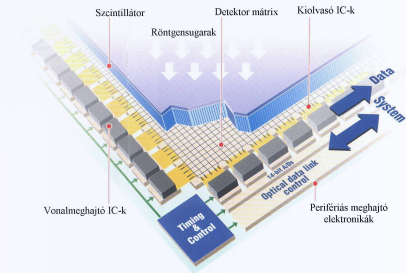
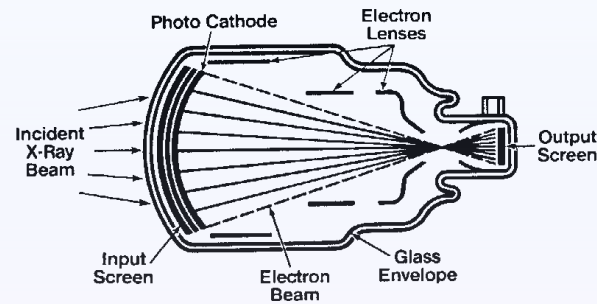


# DSA DIGITÁLIS SZUBTRAKCIÓS ANGIOGRÁFIA DSA

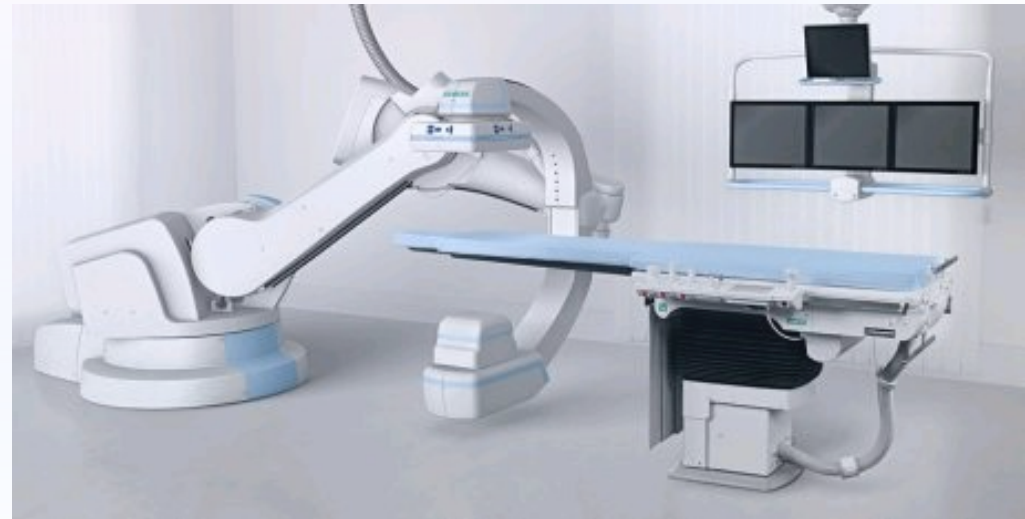
## konstrukció



**Perivision,**

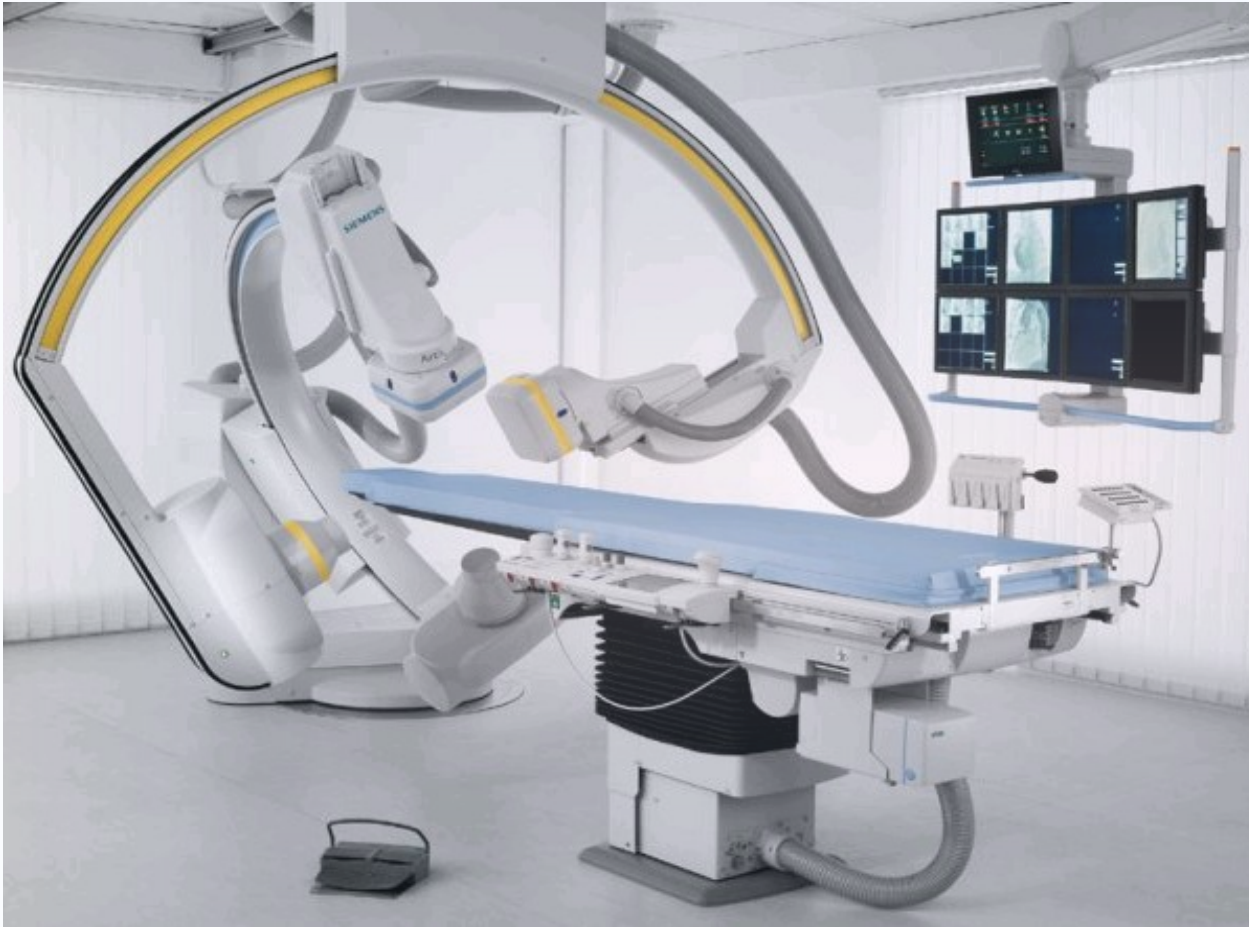


**Dynavision → DYNA CT**



# ARTIS ZEE BiPlane Fluoroscopy

## Multifunkcionális rendszerkiépítés



20x20 cm vagy 30x40 cm flat detektor

