

Udvikling indenfor diathermi

Svend Erik Bodi

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El-kirurgi






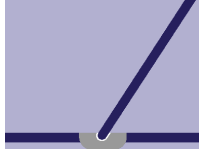
- Koagulation
- Skæring
- Sikkerhed
- Røg
- Argon
- NOTES



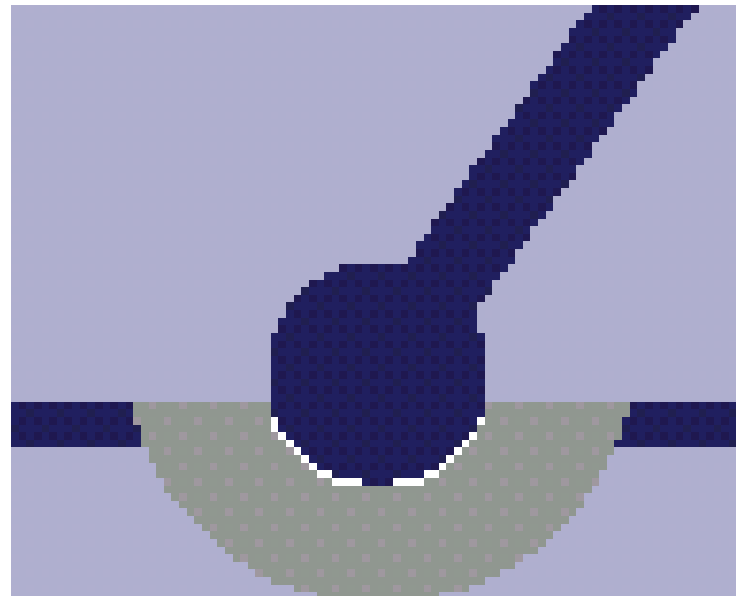
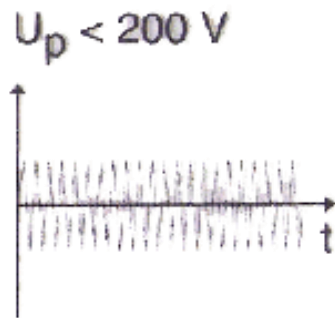
Koagulation



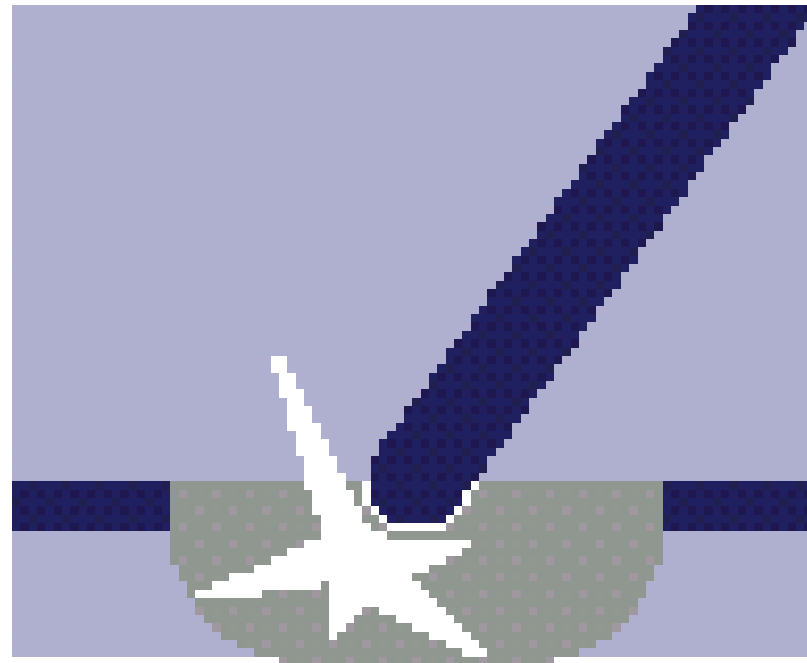
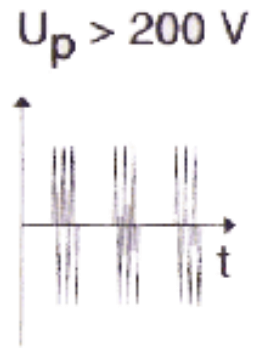
Monopolar koagulation

SOFT COAG	
SWIFT COAG	
FORCED COAG	
SPRAY COAG	
TWIN COAG	
PRECISE COAG	

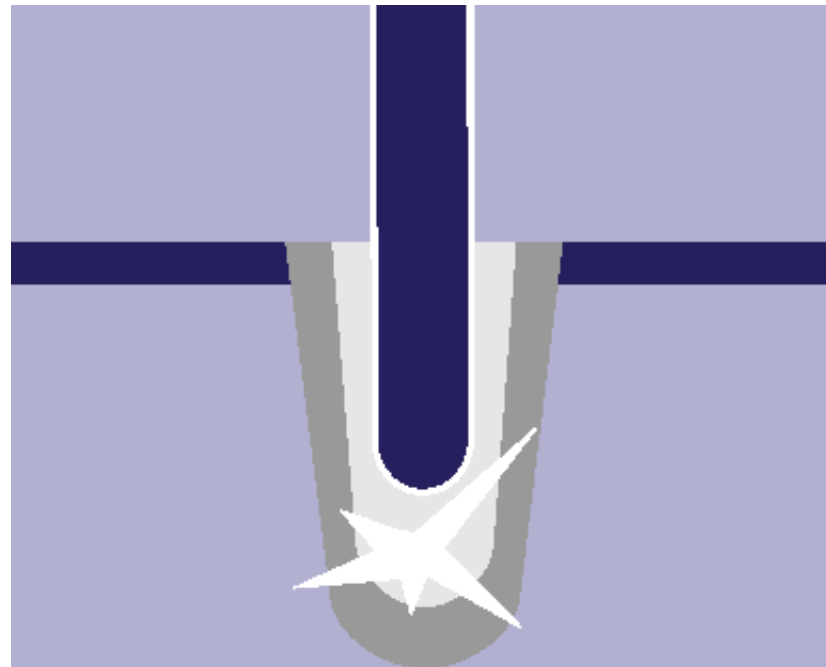
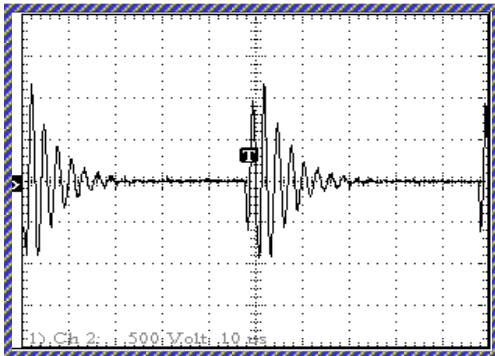
Soft coagulation



Forced coagulation

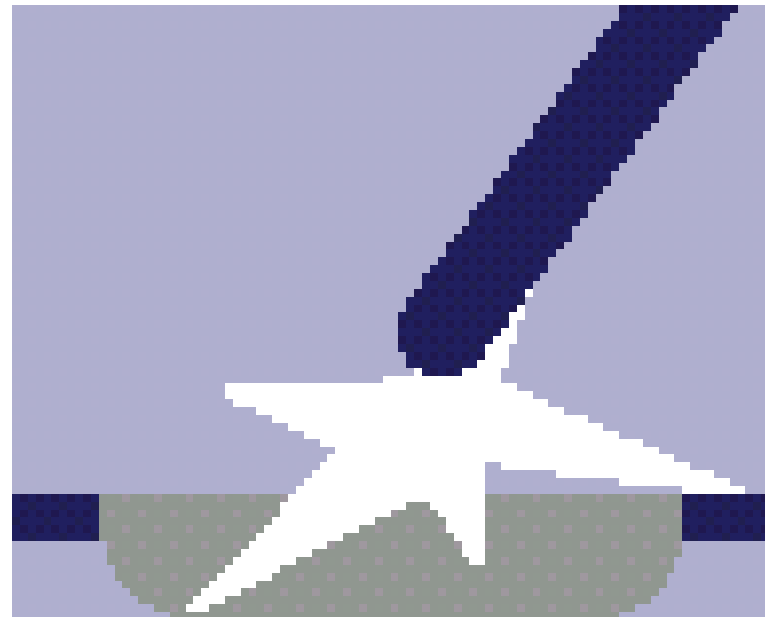
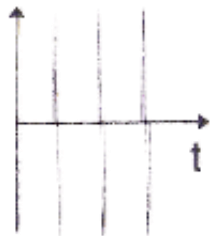


Swift coagulation

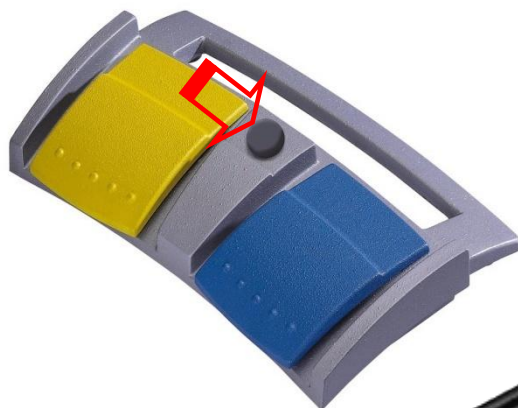


Spray coagulation

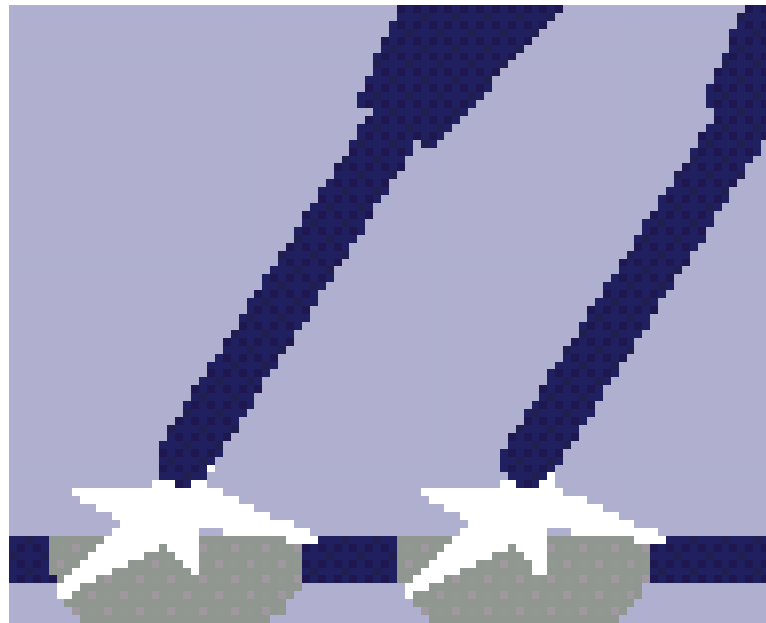
$U_p \gg 200 \text{ V}$



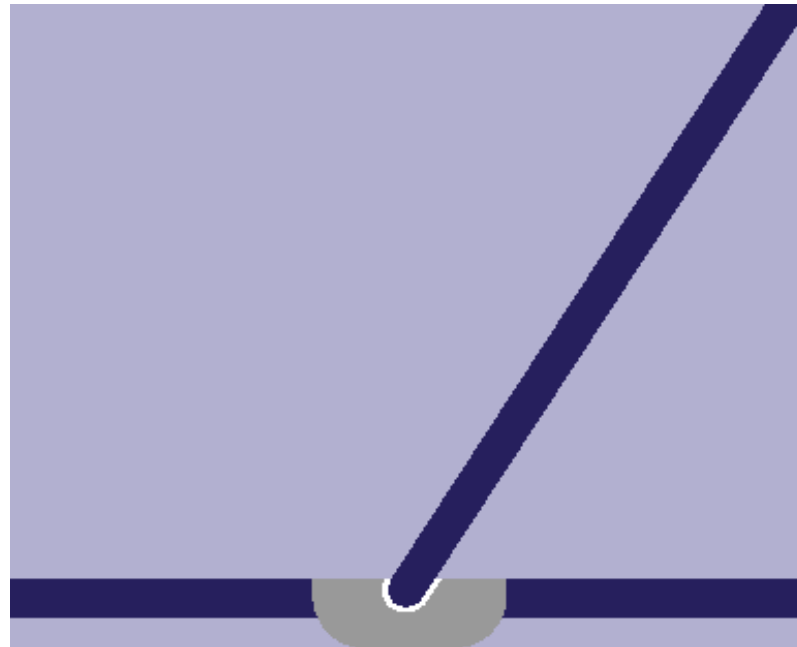
ReMode



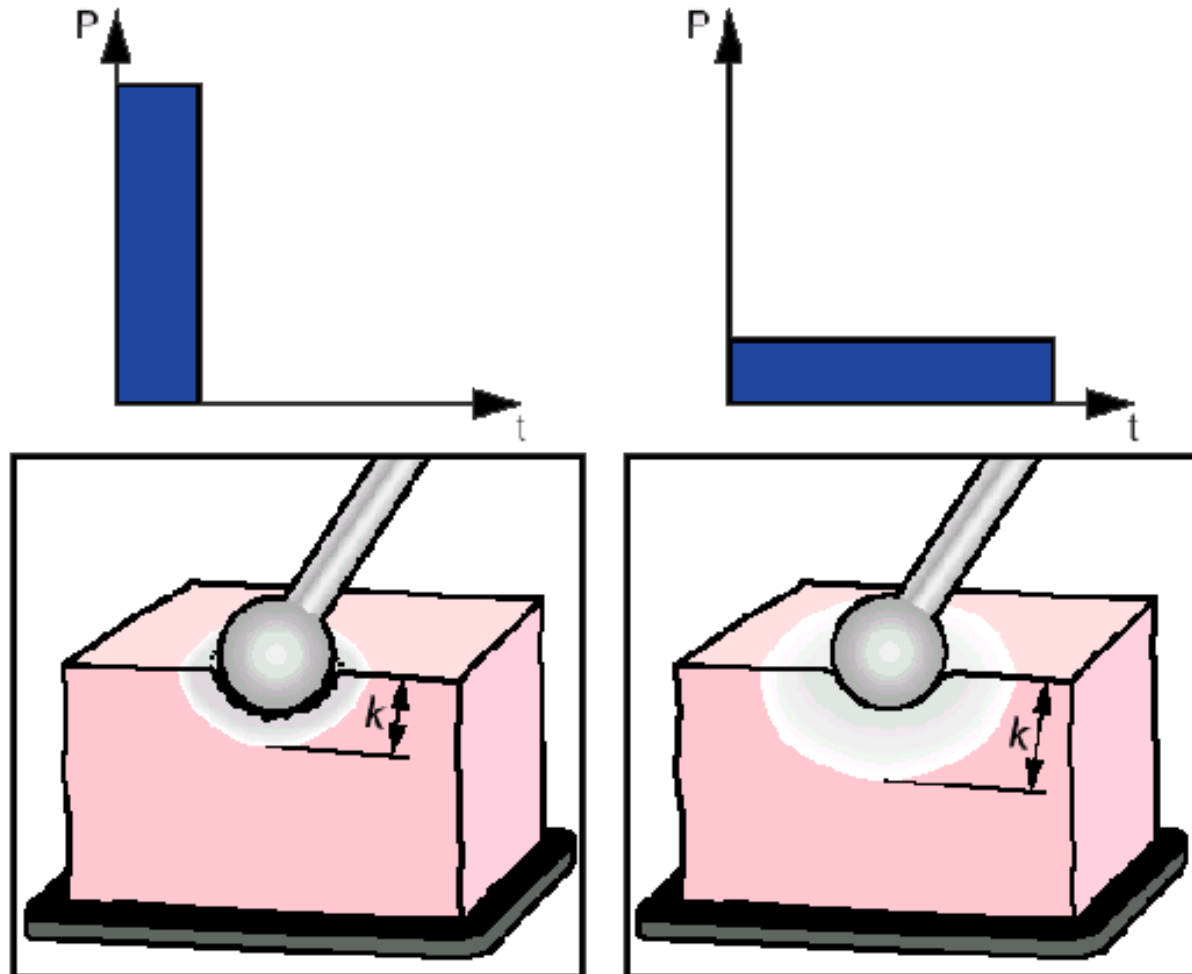
Twin coagulation



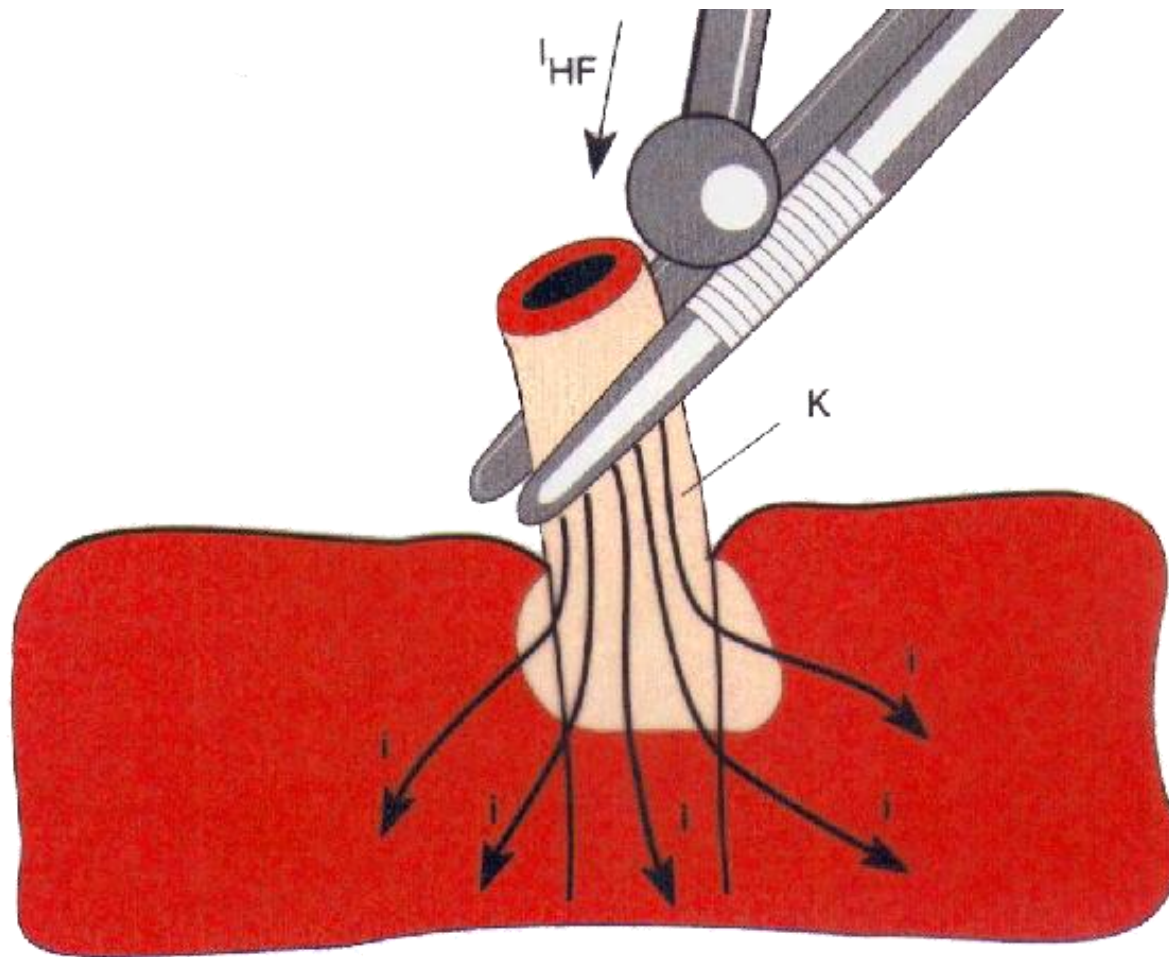
Precise coagulation






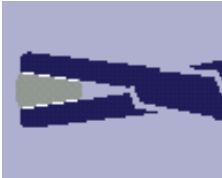
Intensitet, dybde og tid



Monopolar koagulation

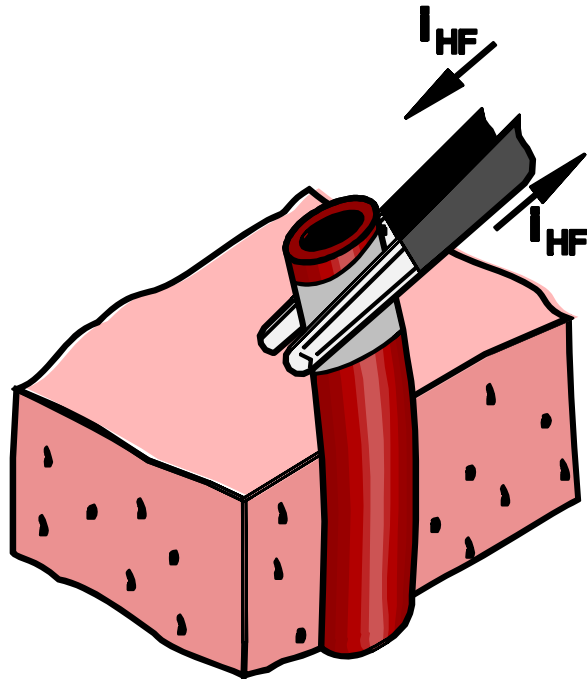


Bipolar koagulation

Bipolar SOFT		
Bipolar SOFT		AUTO STOP
Bipolar FORCED		
BiClamp		

+ AUTO START

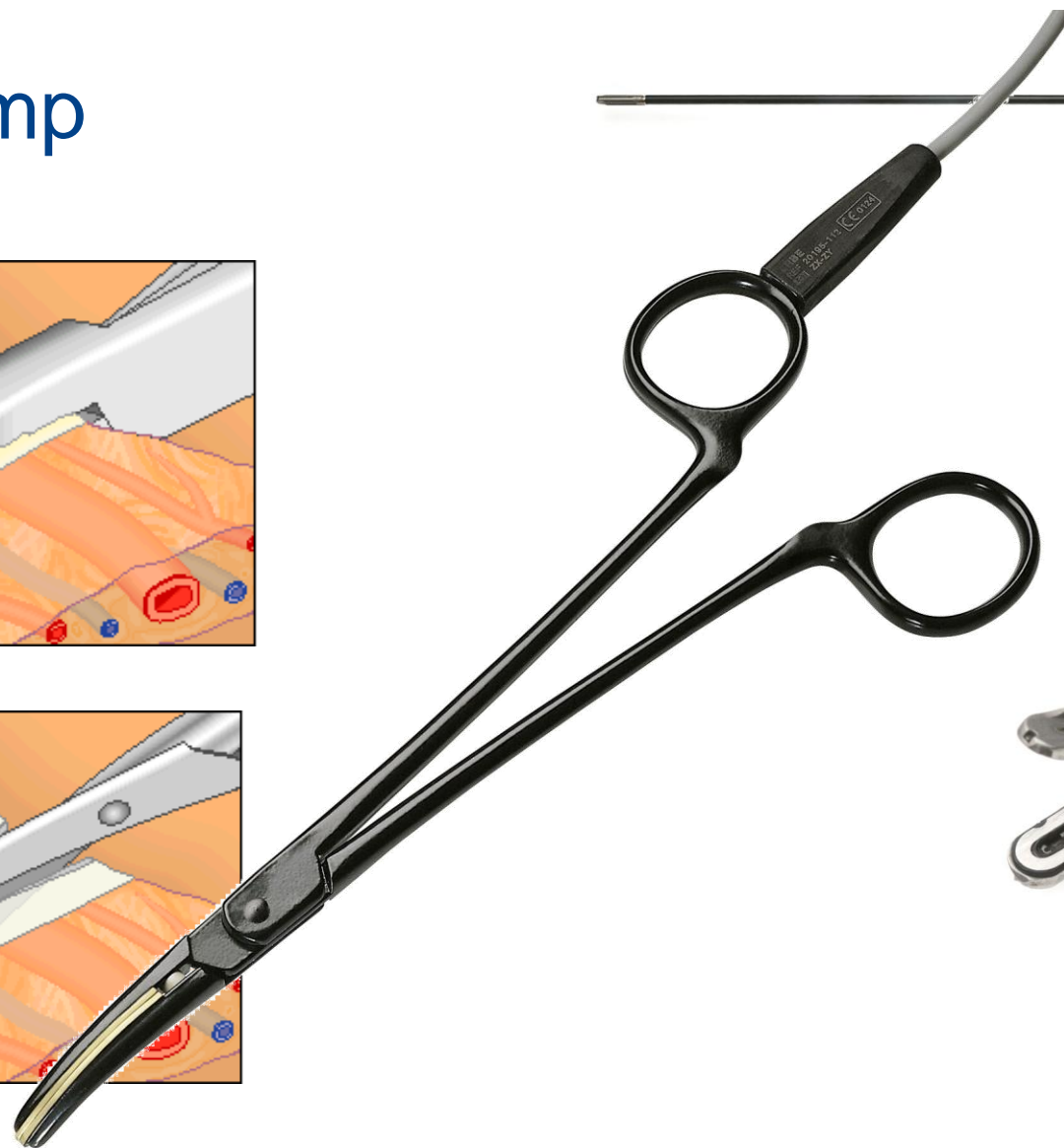
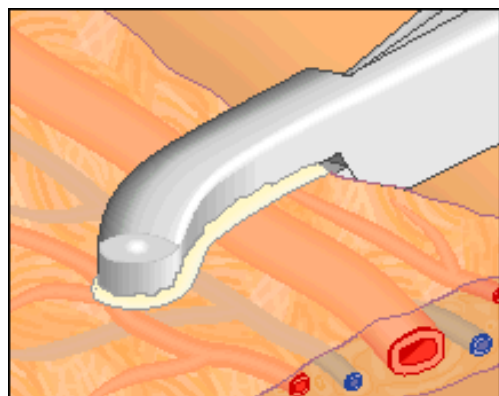
Bipolar koagulation



...soft coagulation

...forced coagulation





BiClamp





Skæring



Monopolar skæring

AUTO CUT	
HIGH CUT	
DRY CUT	
PRECISE CUT	

ENDO CUT P	
ENDO CUT S	

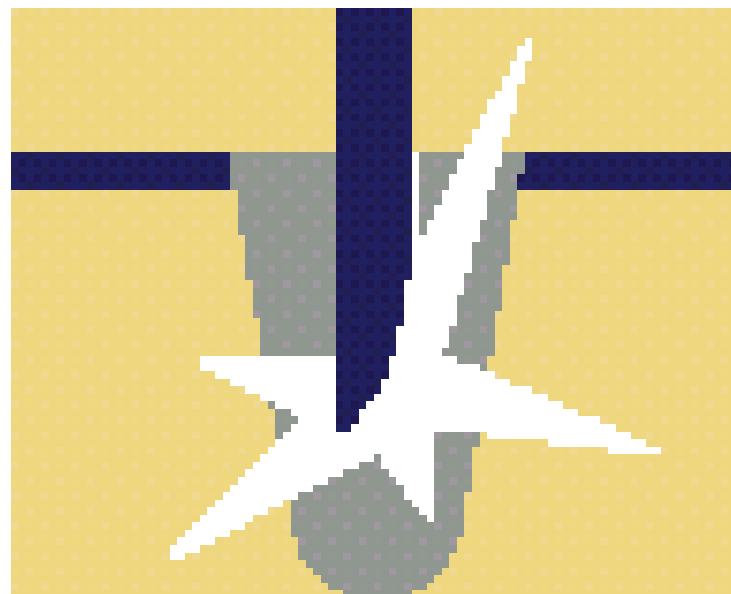
Auto Cut

- Volt styring
- Ensartet vævspåvirkning



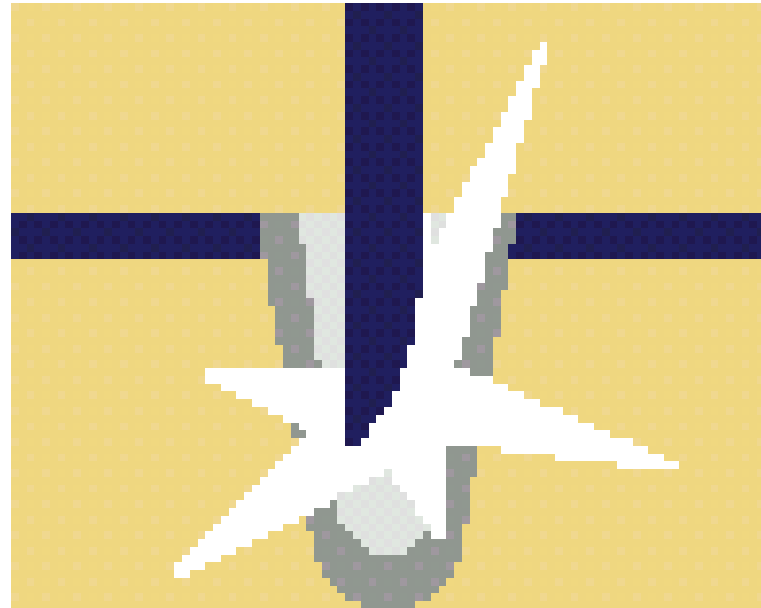
High Cut

- Lysbuestyring
- Specielt til TURP



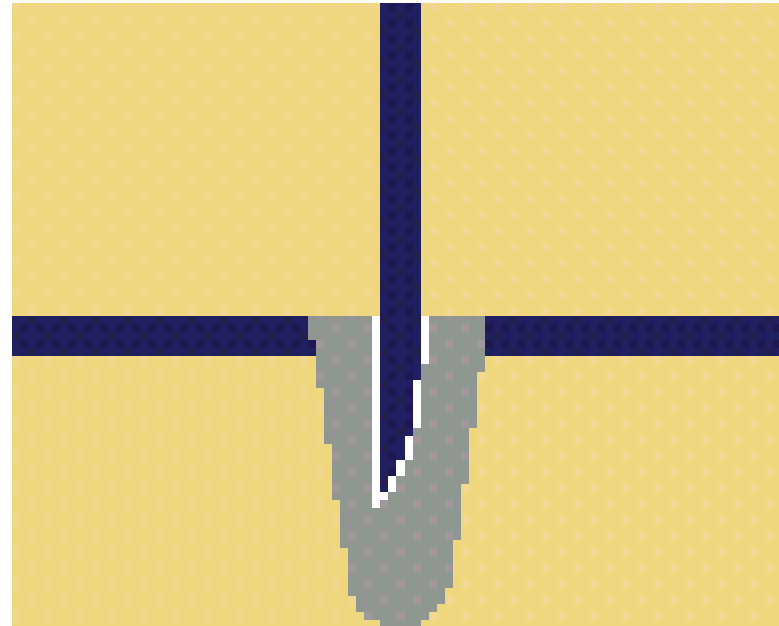
Dry Cut

- Volt styring
- Minimal blødning



Precise Cut

- Volt styring
- Til microkirurgi

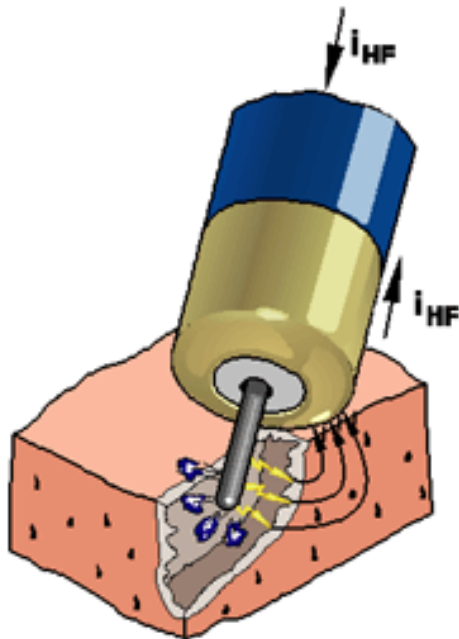


Endo Cut P

- Skæring
- Koagulation



Bipolar skæring

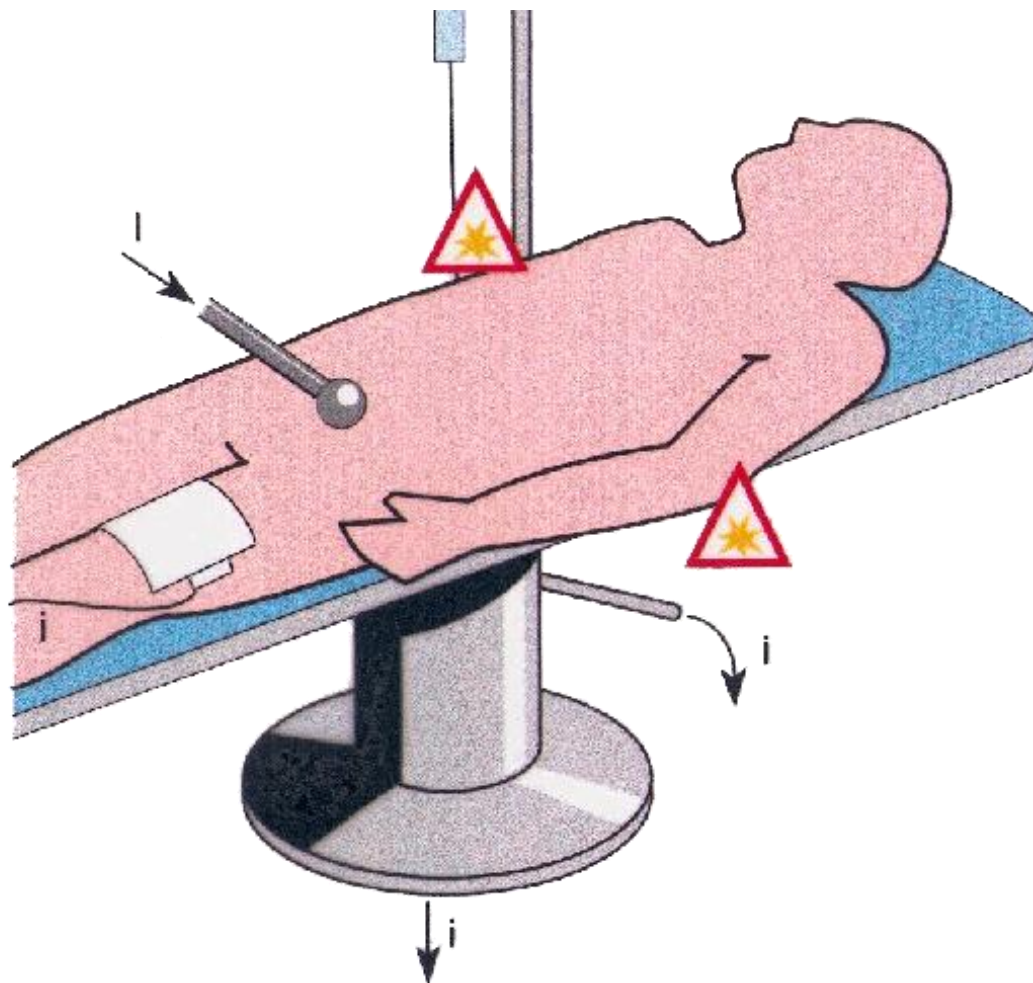


Bipolar Auto Cut

Sikkerhed



Uønskede strømveje






Røg





Argon

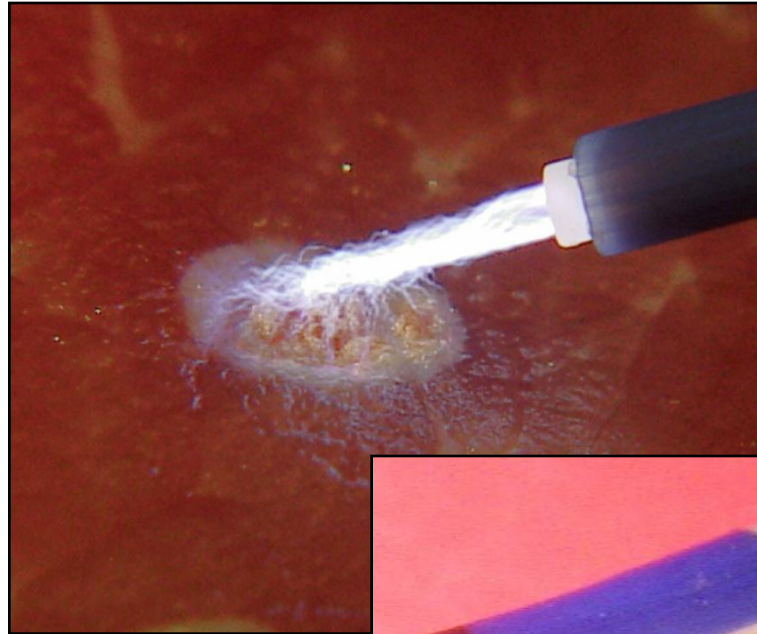


Argon - Plasma

<p>AUTO CUT ARGON</p>	
<p>HIGH CUT ARGON</p>	
<p>DRY CUT ARGON</p>	

<p>SWIFT COAG ARGON</p>	
<p>FORCED COAG ARGON</p>	

Argon - Plasma Coagulation APC



NOTES

Natural Orifice Transluminal Endoscopic Surgery



Tak...

