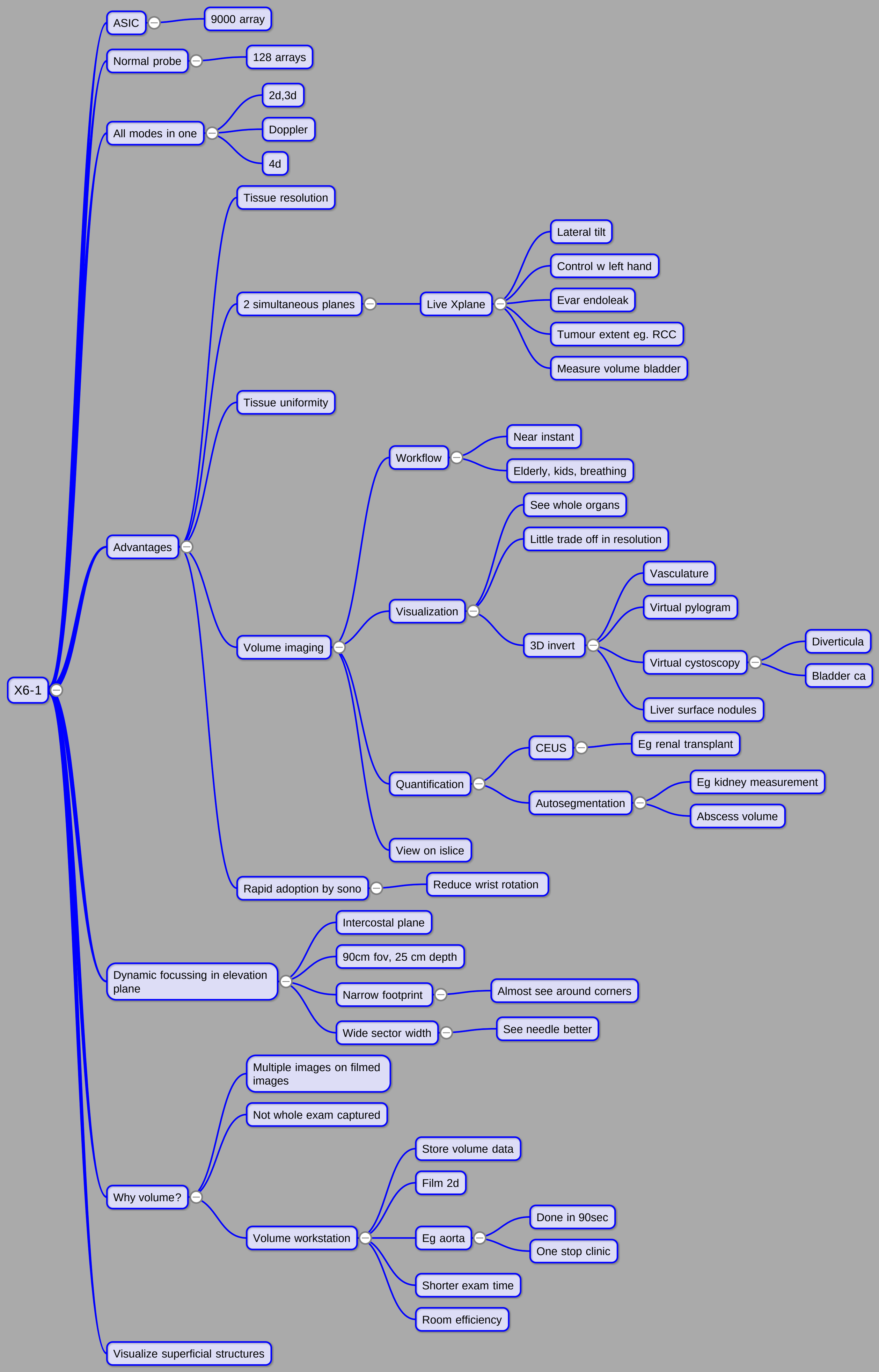
X6-1
ASIC
9000 array
Normal probe
128 arrays
All modes in one
2d,3d
Doppler
4d
Advantages
Tissue resolution
2 simultaneous planes
Live Xplane
Lateral tilt
Control w left hand
Evar endoleak
Tumour extent eg. RCC
Measure volume bladder
Tissue uniformity
Volume imaging
Workflow
Near instant
Elderly, kids, breathing
Visualization
See whole organs
Little trade off in resolution
3D invert
Vasculature
Virtual pylogram
Virtual cystoscopy
Diverticula
Bladder ca
Liver surface nodules
Quantification
CEUS
Eg renal transplant
Autosegmentation
Eg kidney measurement
Abscess volume
View on islice
Rapid adoption by sono
Reduce wrist rotation
Dynamic focussing in elevation plane
Intercostal plane
90cm fov, 25 cm depth
Narrow footprint
Almost see around corners
Wide sector width
See needle better
Why volume?
Multiple images on filmed images
Not whole exam captured
Volume workstation
Store volume data
Film 2d
Eg aorta
Done in 90sec
One stop clinic
Shorter exam time
Room efficiency
Visualize superficial structures