

Figures to „A Philosophical Approach to Anarsthesia“

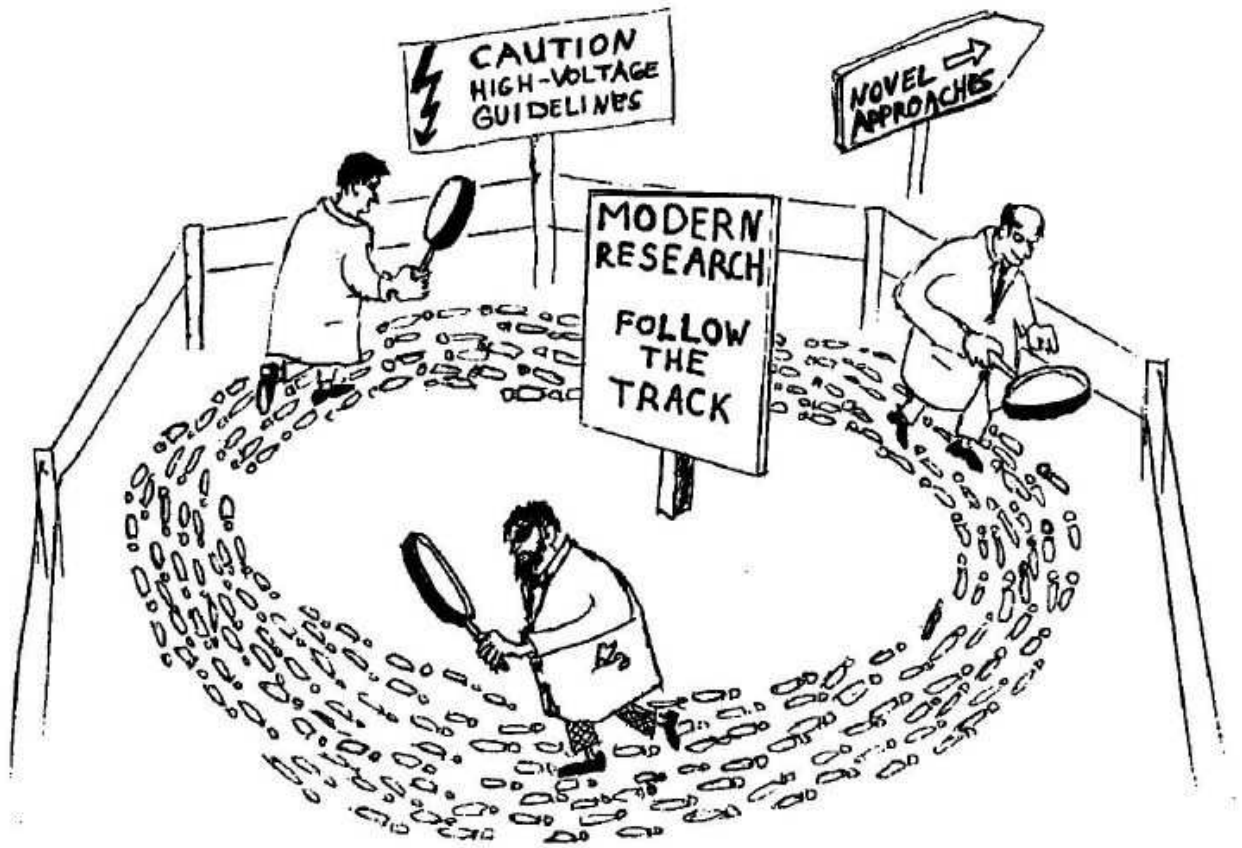


Figure 1 Research within the limits of standardized methods can hardly add much to our understanding of anaesthesia.



Figure 2 Double-blinded anaesthetist

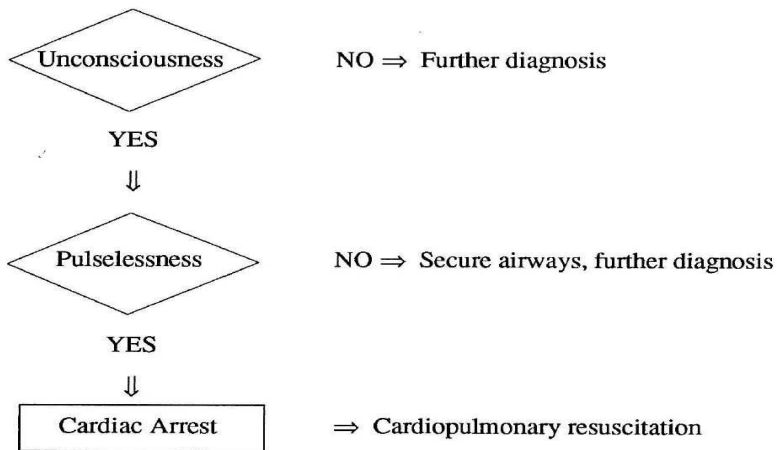


Figure 3 Algorithm of CPR (not accounting for „death“)

**SCHEMATIC CHART SHOWING THE SIGNIFICANCE OF
CERTAIN REFLEXES UNDER VARIOUS STAGES
OF ETHER ANESTHESIA.**

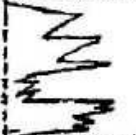



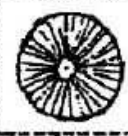



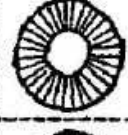
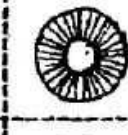


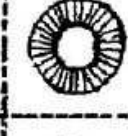


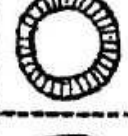
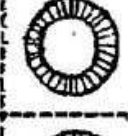
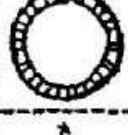
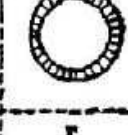
Stages of Anesthesia	Respiration Anesthesia going		Eyeball	Pupil		Larynx Up and Down Movement	
	Down	Up		Without Morphine	With Morphine		
First Stage							
Second Stage							
Third Stage	First Stratum						
	Second Stratum						
	Third Stratum						
	Fourth Stratum						
Fourth Stage							
Column	A	B	C	D	E	F	

Figure 4 Guedel's stages of anaesthesia

SENSORY	MOTOR	REFLEXES	MENTAL
Analgesia	Relaxation slight		Ataraxia
	Relaxation medium	Belladonna	Light sleep
Anesthesia	Flaccid (paralysis)	G.P.Z.	Delirium
			Deep sleep

Figure 5 Woodbridge's components

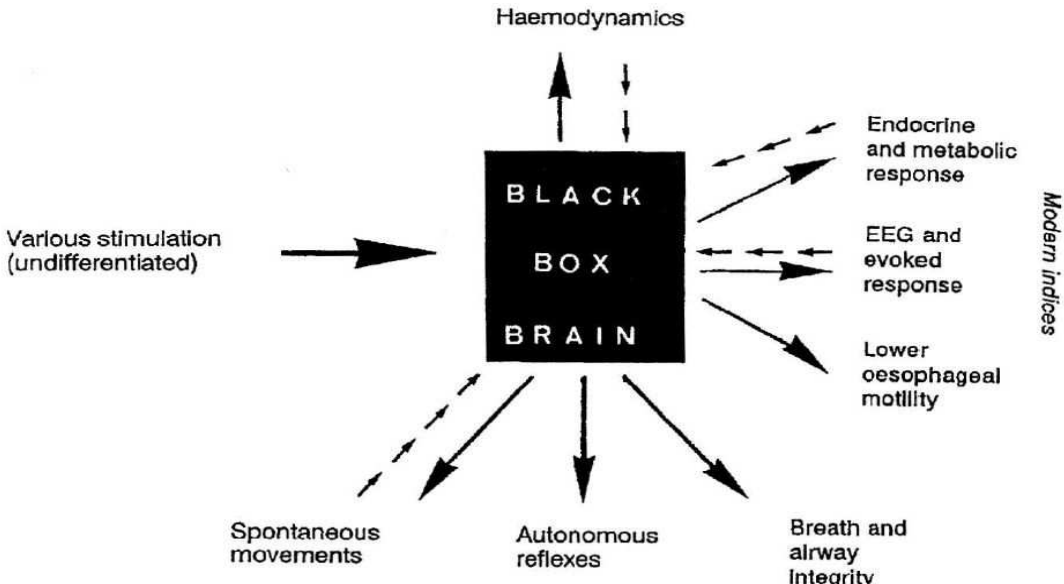


Figure 6 Clinical indices of anaesthesia

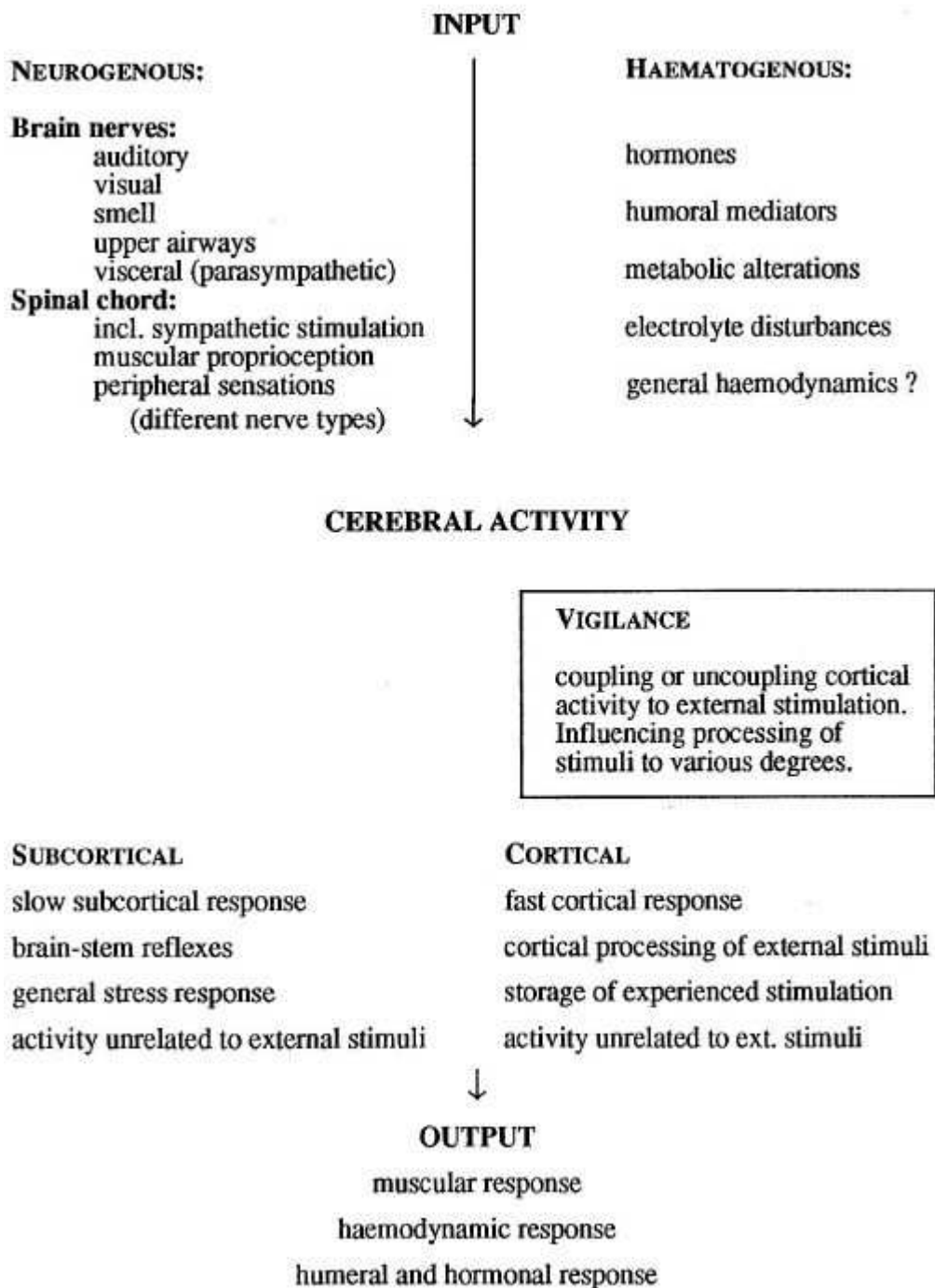
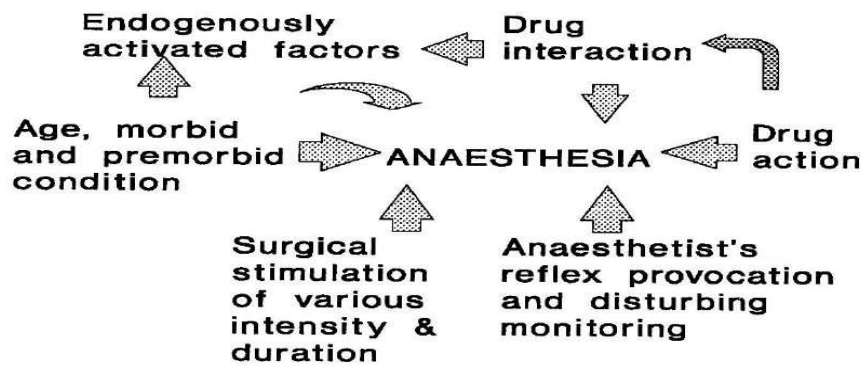


Figure 7 Contributing factors to anaesthesia

Figure 8 Different processing of stimuli

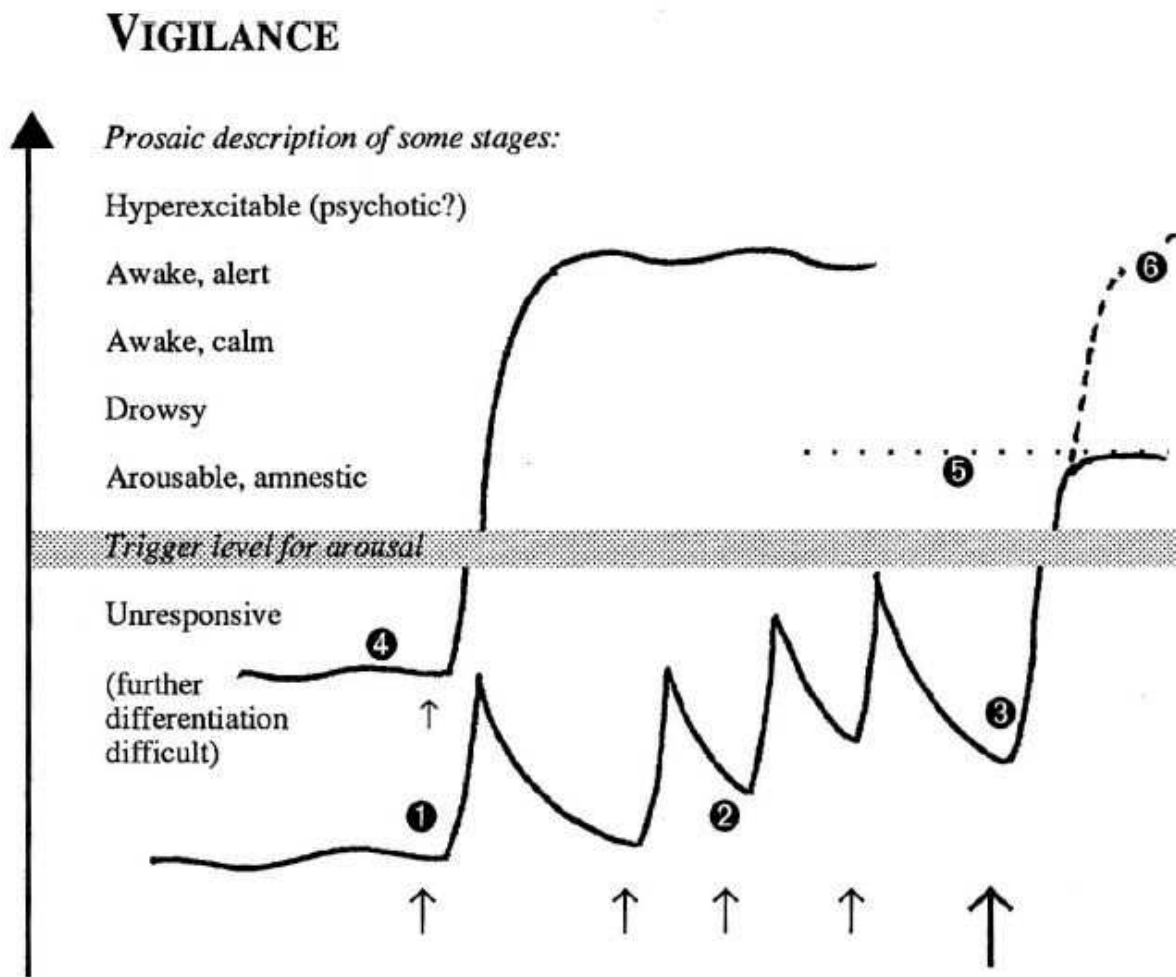


Figure 9: A hypothetical illustration of vigilance, here for simplification shown as a single parameter. ① Single stimulation fails to produce arousal. ② Repeated or prolonged stimulation increases vigilance. ③ Strong stimulus causes an arousal reaction. ④ Higher (subconscious) vigilance needs lesser stimulation for producing an arousal reaction. ⑤ Maximum vigilance for a certain drug-induced or pathological depression. ⑥ Awakening reaction. Arrows: noxious stimulation.









ANAESTHESIA assessed by:	BAD	GOOD	QUALITY
PATIENT			No recall of operative events
SURGEON			Muscular relaxation
ANAESTHETIST			Stability in haemodynamic and other measurements
LAWYER			Security

Figure 10 A simple depiction of anaesthesia