

Role of the Anesthesiologist in managing Hospital Based Ambulatory Surgery Department

Jan H Eshuis, Anesthesiologist
Secretary IAAS

Former Founder and Director of Day Surgery
Amsterdam University Medical Center
The Netherlands

 **International Association for Ambulatory Surgery**

Why Day Surgery

- Safety
- Economics, saving hospital beds
- Short logistic chain, less data transfer, more consistent information
- Less hospital acquired infections
- Less cognitive dysfunction (ICD)
- Mobility enhanced, less risk on DVT
- Less delay or cancellations by non-interference of emergency procedures or clinical re-operations



Types of ASC

- Stand alone ASC Freestanding



- Hospital based ASC
 - Separate ASC-Unit
 - Integrated in clinical hospital facilities



- Market analysis, regulations, business plan



Hospital based AS-department

- **Architecture:** new, restored parts or earmarking existing facilities
- **Staffing**
- Embedded in and **separate** from inpatient-facilities
- **Communication,** persistent and diplomatic leadership

Staffing: multidisciplinary cooperation

- Leadership:
 - Medical Specialist, managing and professional
 - Head Nurse
- Personnel
 - Nurses ward **1 per 6 beds**
 - Recovery nurses **1 per 3 beds**
 - OR assisting personnel **2,5 per OR**
 - Anesthetic personnel
- Administration

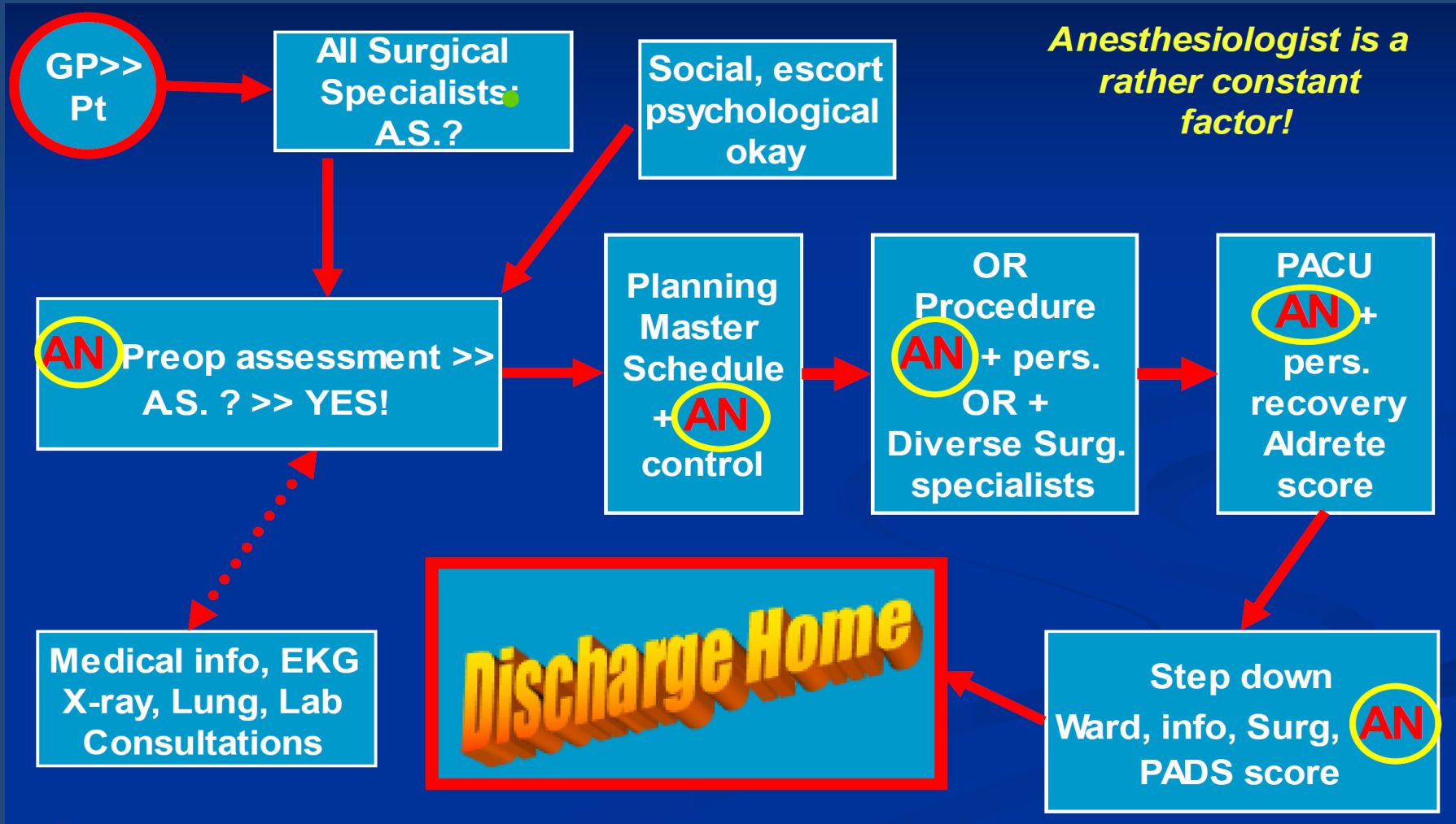


Why an anesthesiologist?

Theatre Skills:
1) Professional
2) Managerial



Day Surgery: Logistic process, not 'a procedure'



Efficient use of scarce resources: transparent OR-programming

- Fixed 4 weekly periodic schedule for all surgical specialties
- Transparent electronic subscription to the program

ChipSoft EZIS / OKplus productie

Bestand Bewerken Beeld Modules Venster Help

Sessierooster

Sessierooster: 21-03-2011 tot en met 25-03-2011

week 12	maandag 21-03-2011	dinsdag 22-03-2011	woensdag 23-03-2011	donderdag 24-03-2011	vrijdag 25-03-2011
OBcd		KJRI Buiten	0%		
OK1D	KKI KNO	MZK			
OK2D	KCH		UROK	KIN KPC	GYNL
OK3D	GYN	ORT	CHI	ORT	
OK4D		CHI		RTH	CHI
OK5D	OOG	OOG	OOG	OOG	OOG
BEHK	CAR Pijn	ECT Pijn	Pijn Pijn	CAR Buiten	ECT



Optimization planning and OR efficiency

4 OR performance-indicators...

Maximalize **netto utilization**

Minimalize **overrun**

Minimalize **no shows**

Minimalize
~~Night time sessions~~

..being results of sub-
performance indicators

To be manipulated

Prevent **late start** first session

Minimalize change over time;
Historical surgical times

Minimalize deviations of
Planned program.

Difficult or not manipulated

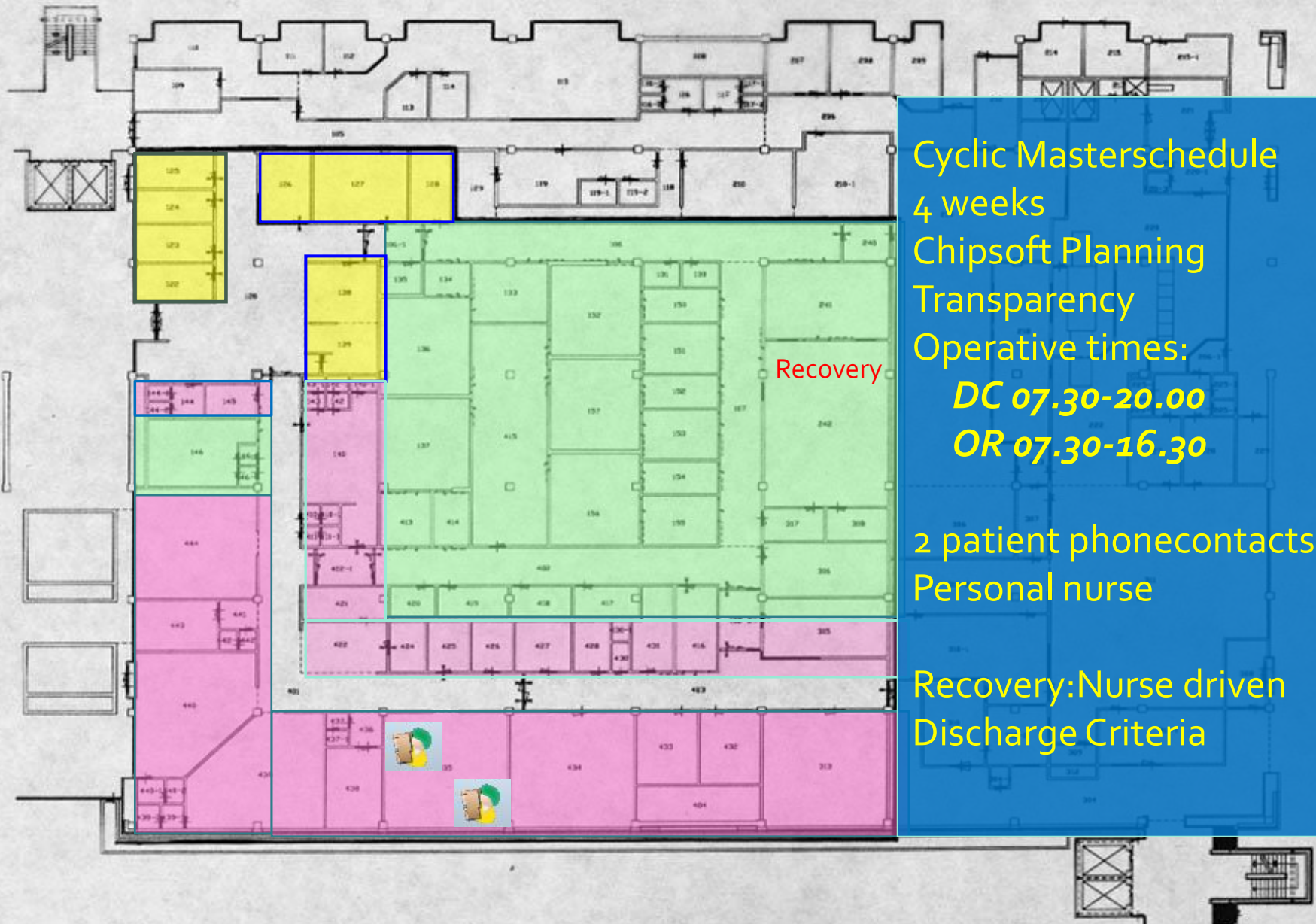
No. sessions ~~urgent~~ and elective

Session time

Capacity OR days



AMC Day Care Center, Logistics



Cyclic Masterschedule
4 weeks

Chipsoft Planning
Transparency

Operative times:

DC 07.30-20.00

OR 07.30-16.30

2 patient phonecontacts
Personal nurse

Recovery:Nurse driven
Discharge Criteria

10 minutes is very short for a presentation.....



Long enough to cover the essentials

But short enough to be informative

THANK YOU

 International Association for Ambulatory Surgery



International Association for Ambulatory Surgery



International Association for Ambulatory Surgery