



Suriname



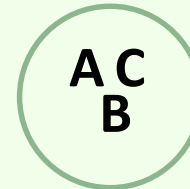
Total 163.821 km²



6 hospitals:
2 private + 4 public



≈591.919



Official: Dutch



MDBC:
Radiology

OR:
Urology, Neurology,
Orthopaedics

RTCS:
Radiotherapy

Maxillo-Facial
unit

CCU:
Cath lab



Academic Hospital Paramaribo



Bedcapacity: 510



26 medical units + 2 labs

Employees: 2100



Doctors \approx 132
(82 attendings)



Nurses \approx 620



Identify training needs

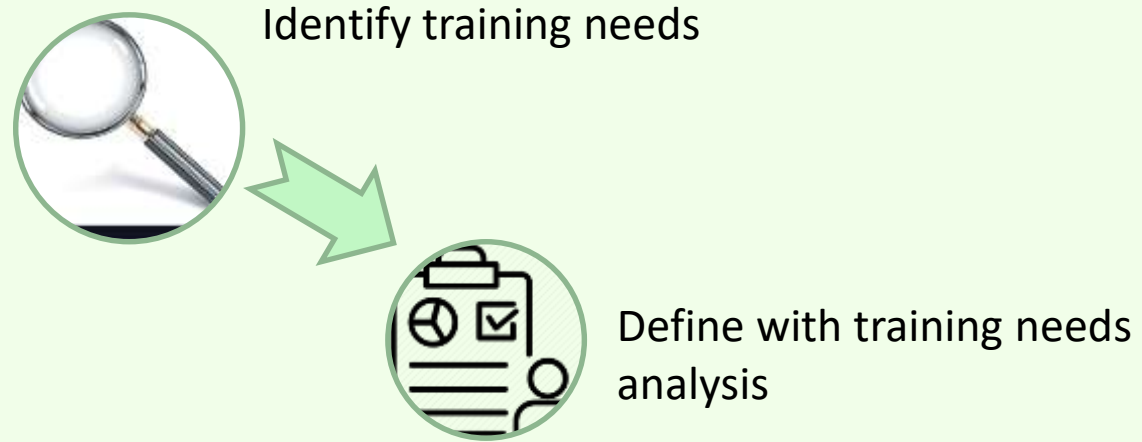


Identify training needs

- No RPE present at hospital
- No formal RP training



Training needs analysis



- Based on level of involvement vs previous knowledge



Training needs analysis

- Identification of groups



Doctors: referrers, attending physicians (high dose vs low dose procedures), residents, fellows



Radiographers, radiation therapy technologists**



Nurse supervisors, cath lab, OR-nurses, oncology, urology, (N)ICU, ER, anesthesia



Linac engineer**, health technology engineers, ICT



Training needs analysis

- Identification of groups



HSEQ department, quality managers, operation managers



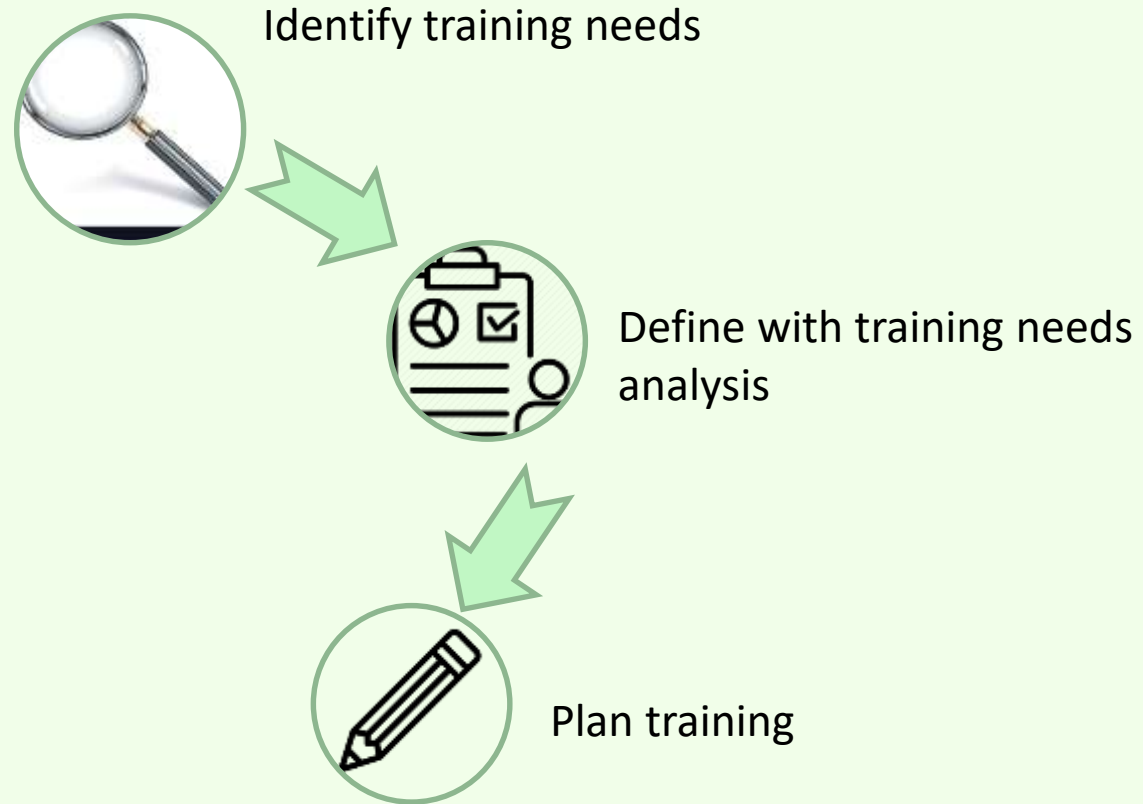
Janitor, housekeeping



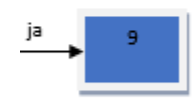
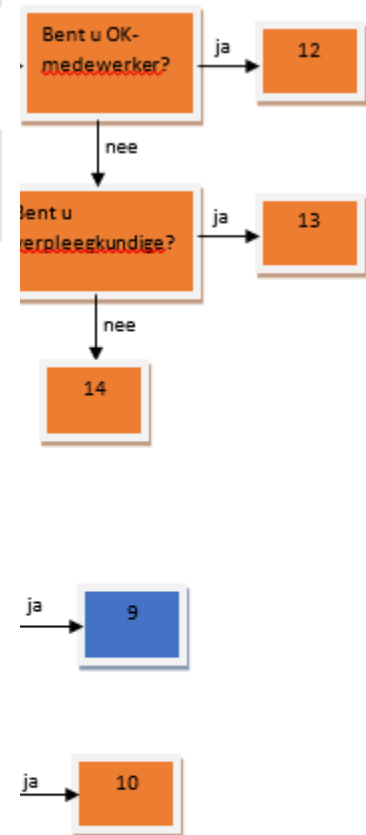
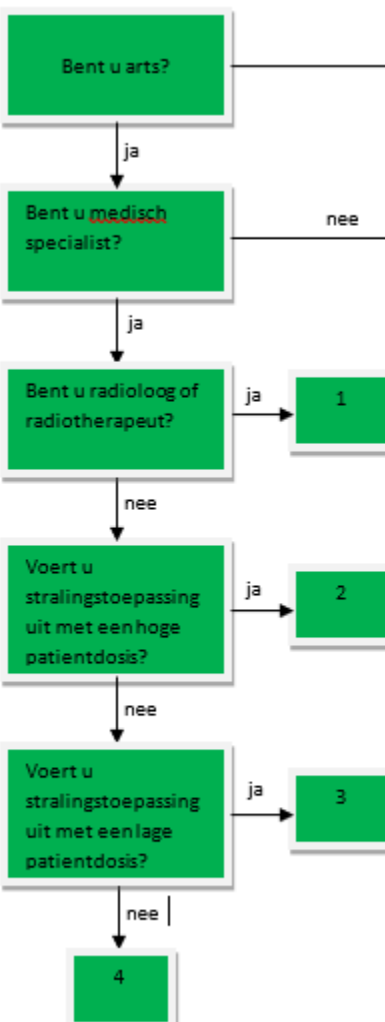
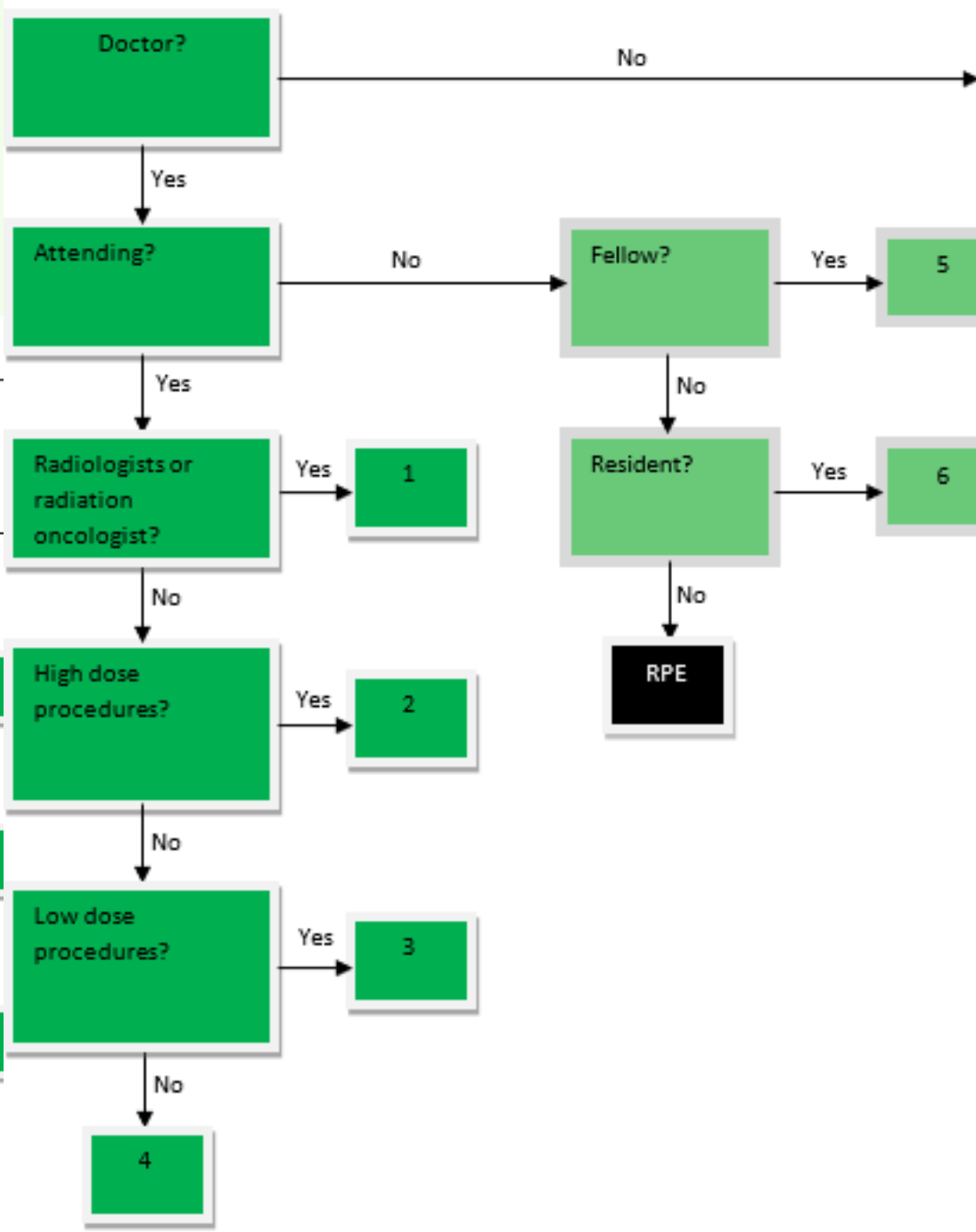
Labor union, administrative personnel



Plan training

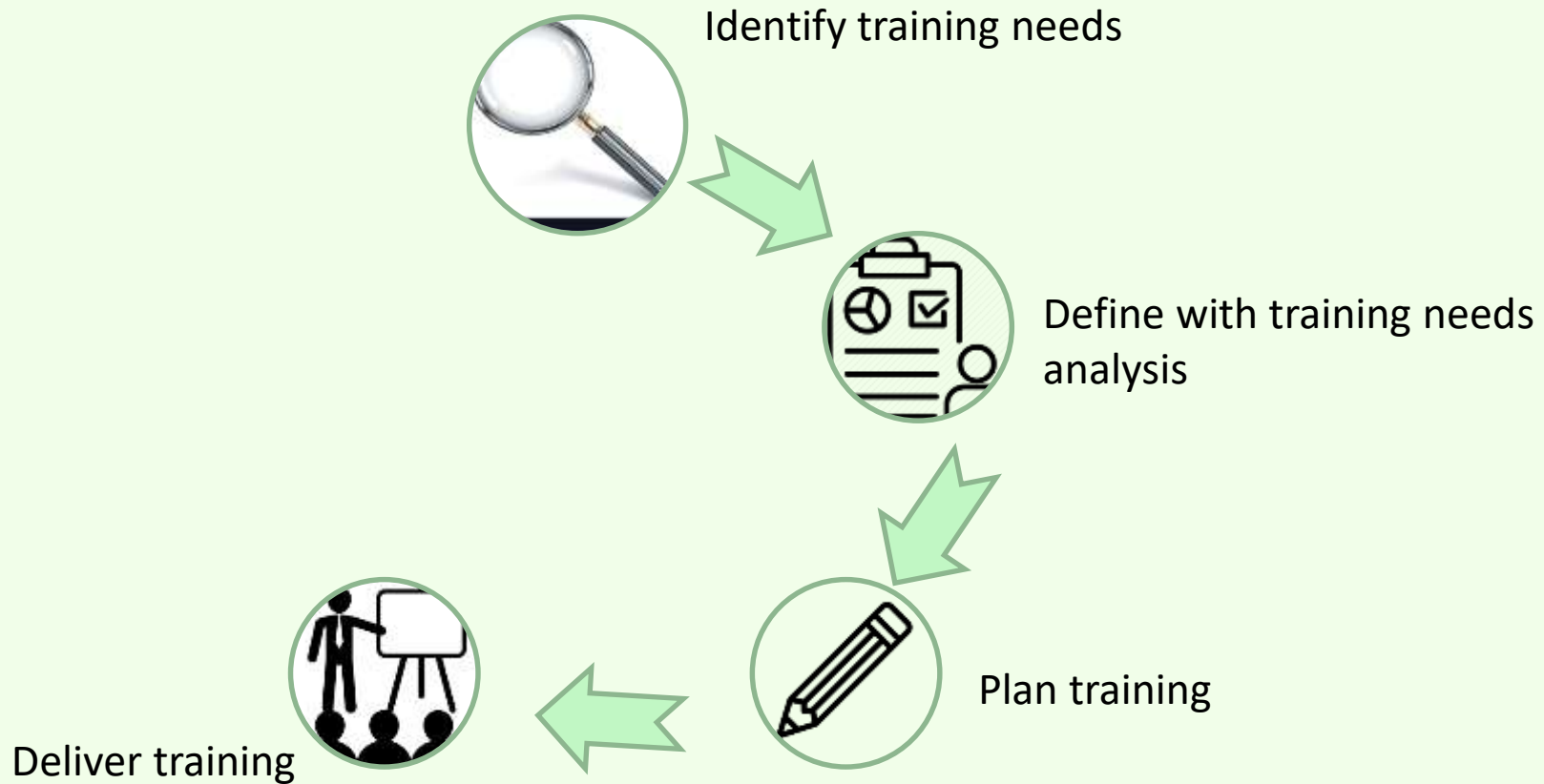


- Collaboration with education&training unit, HSEQ, secretariat medical director & secretariat nurse director





Deliver training





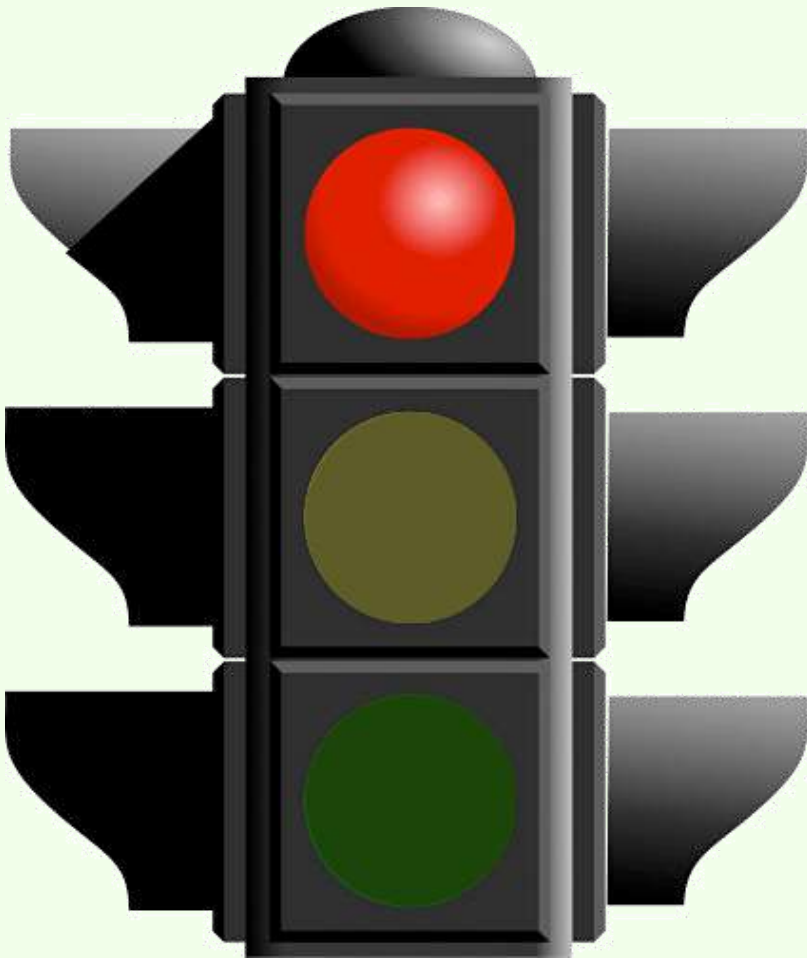
Deliver training

2019 Calendar

Januari	Februari	Maart	April	Mei	Juni
1 Di Nieuwjaar	1 Vr	1 Vr	1 Ma	1 Wo Dag v.d. Arbeid	1 Za
2 Wo	2 Za	2 Za	2 Di 11: Balle pers	2 Do	2 Zo
3 Do	3 Zo	3 Zo	3 Wo	3 Vr	3 Ma
4 Vr	4 Ma	4 Ma	4 Do	4 Za	4 Di
5 Za	5 Di Chin. Nieuwjaar	5 Di	5 Vr	5 Zo	5 Wo led UI Filter*
6 Zo	6 Wo	6 Wo	6 Za	6 Ma	6 Do
7 Ma	7 Do	7 Do WB + PB	7 Zo	7 Di	7 Vr
8 Di	8 Vr	8 Vr	8 Ma	8 Wo	8 Za
9 Wo	9 Za	9 Za	9 Di	9 Do	9 Zo
10 Do	10 Zo	10 Zo	10 Wo	10 Vr	10 Ma
11 Vr	11 Ma	11 Ma	11 Do	11 Za	11 Di
12 Za	12 Di	12 Di 6. Zaal- en SEH	12 Vr	12 Zo	12 Wo
13 Zo	13 Wo	13 Wo	13 Za	13 Ma	13 Do
14 Ma	14 Do	14 Do	14 Zo	14 Di	14 Vr
15 Di	15 Vr	15 Vr	15 Ma	15 Wo	15 Za
16 Wo	16 Za	16 Za	16 Di	16 Do	16 Zo
17 Do	17 Zo	17 Zo	17 Wo	17 Vr	17 Ma 12. OK
18 Vr	18 Ma	18 Ma	18 Do	18 Za	18 Di
19 Za	19 Di Zorgtechnologie	19 Di	19 Vr Goede Vrijdag	19 Zo	19 Wo
20 Zo	20 Wo	20 Wo	20 Za	20 Ma 2-3-4 Specialisten	20 Do
21 Ma	21 Do 14. QM	21 Do Phagwa*	21 Zo	21 Di	21 Vr
22 Di	22 Vr	22 Vr	22 Ma Paasmaandag	22 Wo	22 Za
23 Wo	23 Za	23 Za	23 Di	23 Do	23 Zo
24 Do	24 Zo	24 Zo	24 Wo	24 Vr	24 Ma
25 Vr	25 Ma Dag v. Bevrijding	25 Ma	25 Do	25 Za	25 Di
26 Za	26 Di	26 Di	26 Vr	26 Zo	26 Wo
27 Zo	27 Wo	27 Wo	27 Za	27 Ma	27 Do
28 Ma	28 Do	28 Do	28 Zo	28 Di	28 Vr
29 Di		29 Vr	29 Ma	29 Wo	29 Za
30 Wo		30 Za	30 Di	30 Do	30 Zo
31 Do		31 Zo		31 Vr	



Focus of training: own responsibility



- Engineers: 3L
- Quality managers: 3P
- Nurses: TLC
- Referrers: CPR
- Operation managers: ABC



Focus of training: own responsibility



Care = justification



Regulation =
compensation



Regulation =
code limits/DRLs

3L



3P

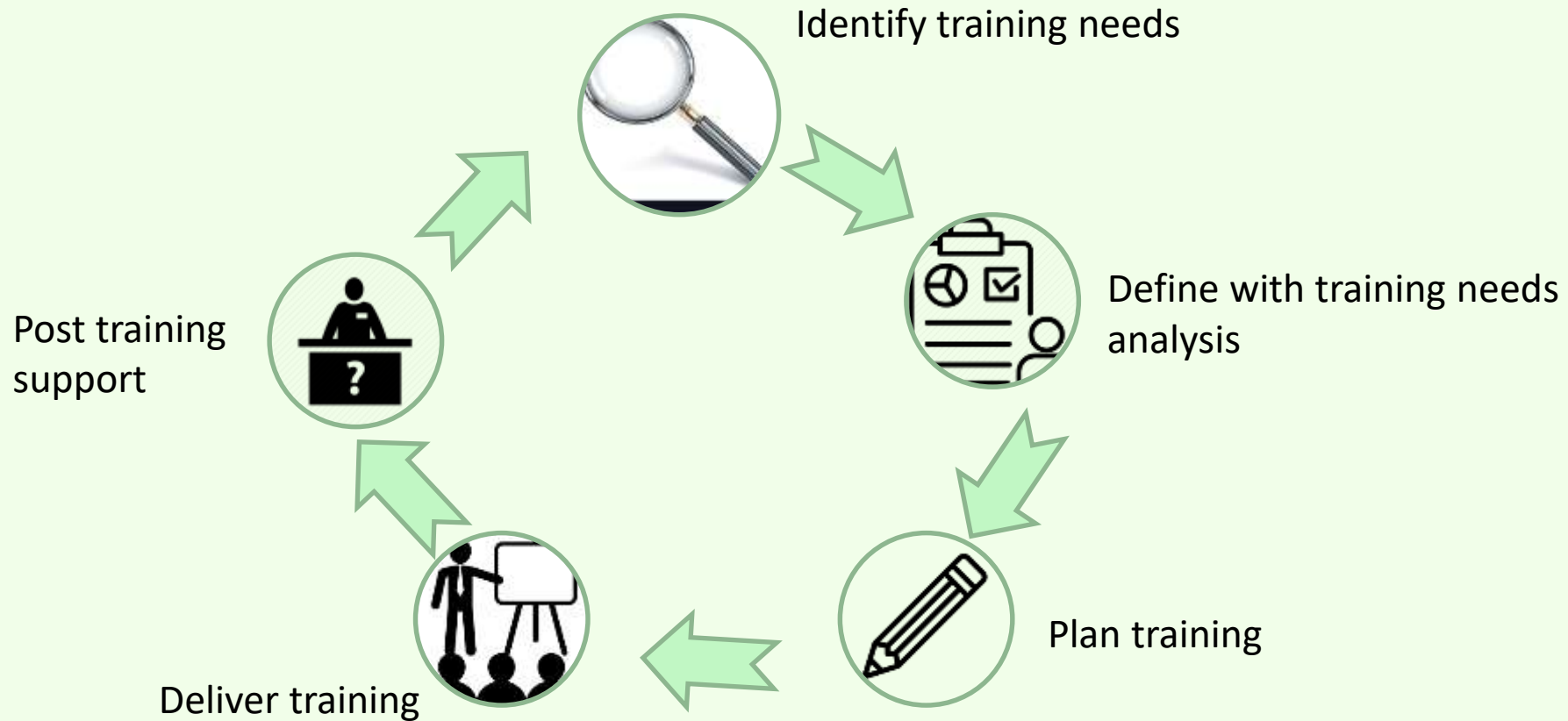


CPR





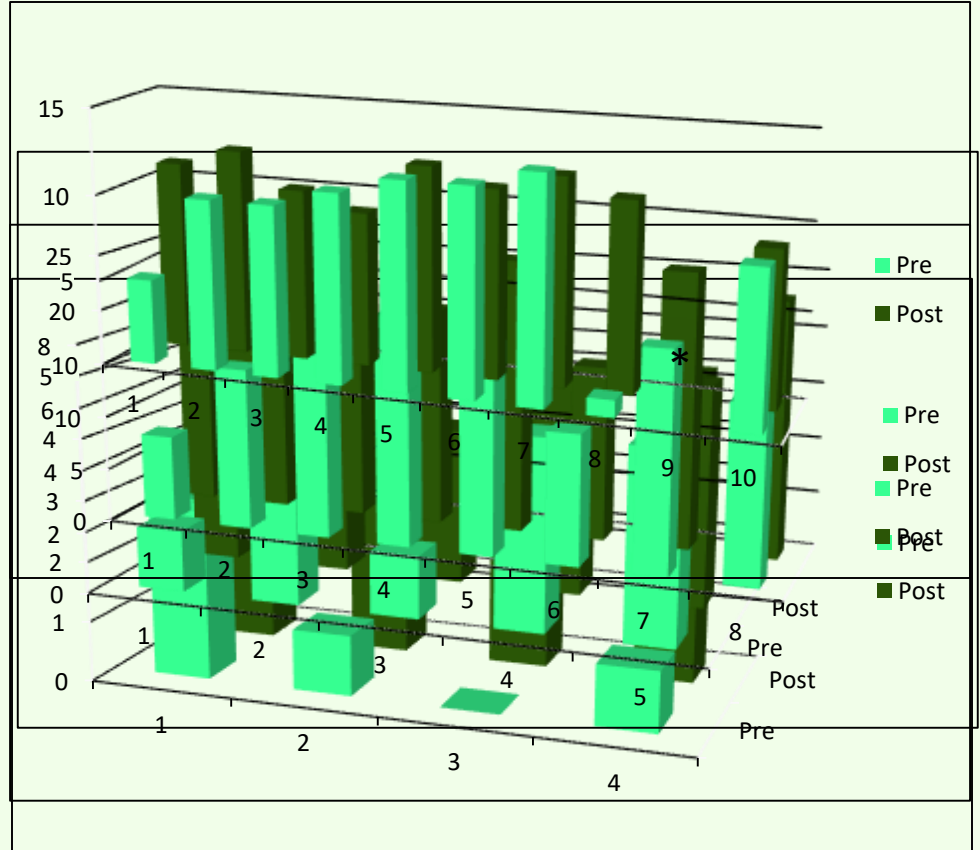
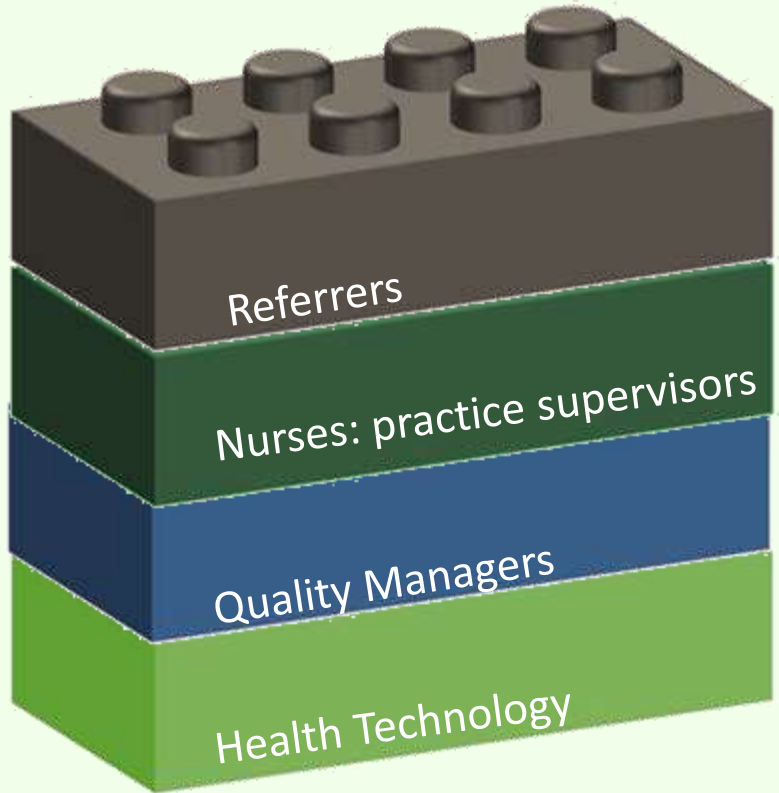
Evaluation



- Based on questionnaires

Evaluation

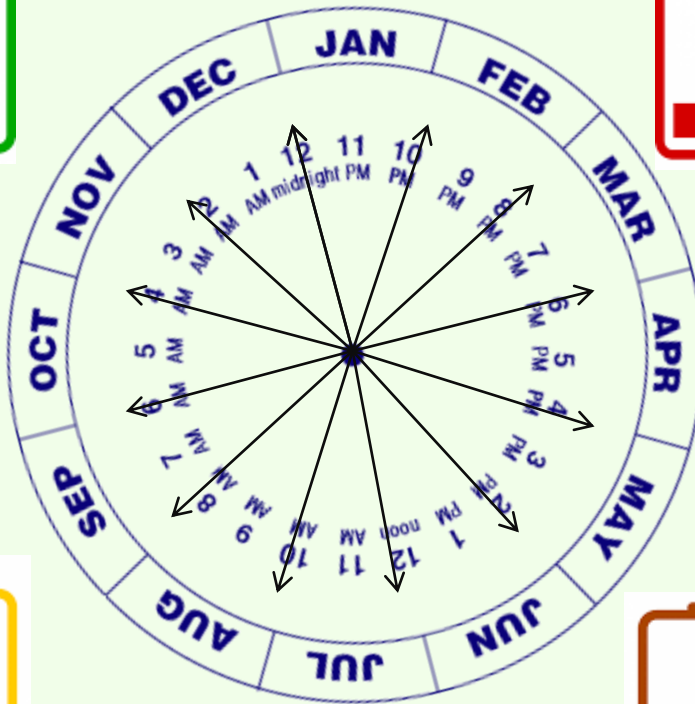
- Pre test
 - Education level
 - Expectations
 - Knowledge on RP
- Post test
 - Expectations met?
 - Application of information in practice and how?
 - Knowledge update?
 - Same knowledge on RP





Follow up

Doctors: **attending**s, **residents**, **fellows**
Labor union, administrative personnel



Doctors: **attending**s, **residents**, **fellows**
Nurse supervisors, cath lab, **OR-nurses**,
oncology, urology, **(N)ICU**, ER, anesthesia
Health technology engineers, ICT
HSEQ department, **quality managers**,
operation managers



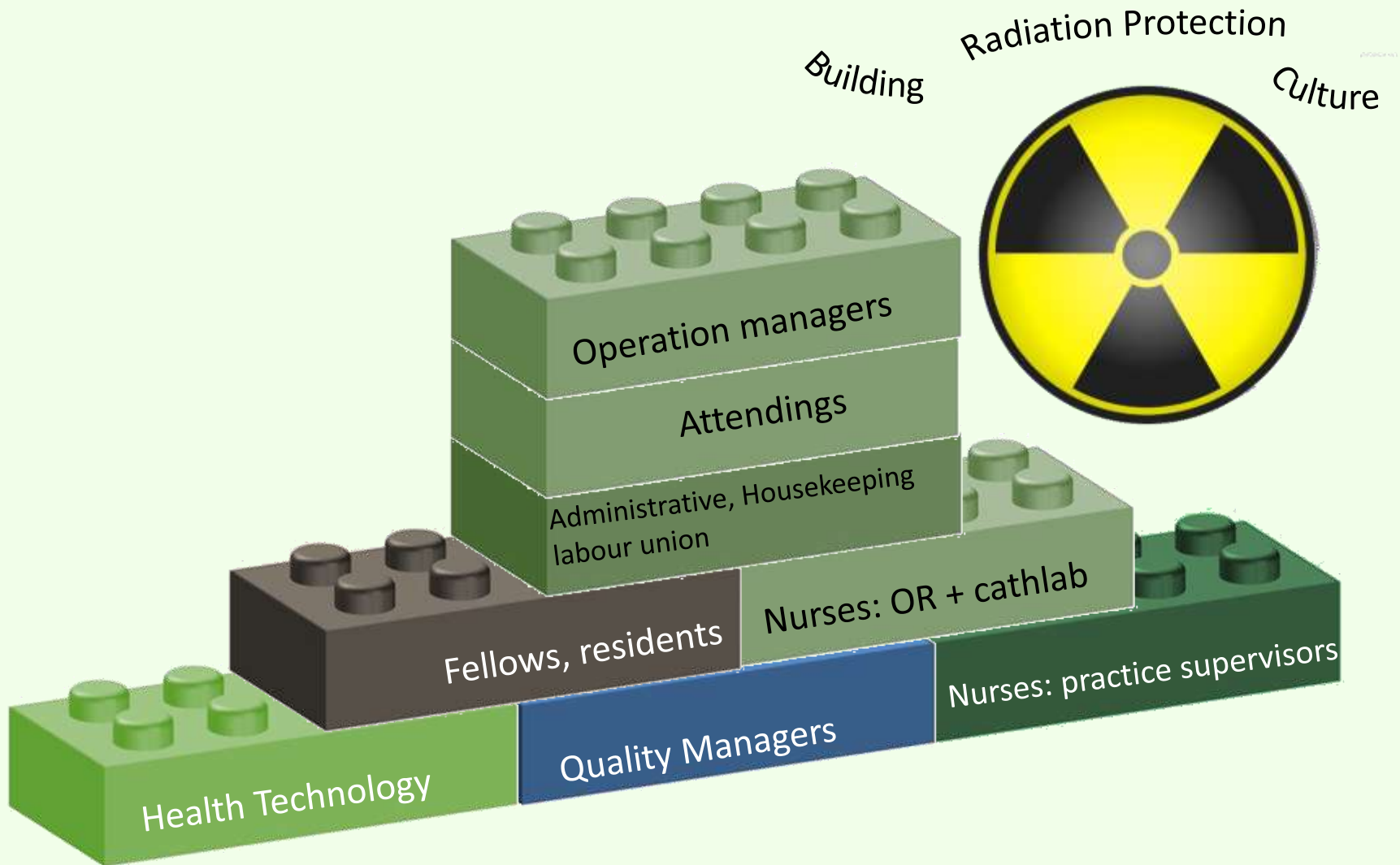
Labor union, administrative personnel

Janitor, housekeeping

Nurse supervisors, cath lab, **OR-nurses**, oncology,
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Nurse supervisors, cath lab, **OR-nurses**,
oncology, urology, **(N)ICU**, ER, anesthesia
Health technology engineers, ICT
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Thank you! Questions?

Whitney Coulor



Academic Hospital Paramaribo



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Medical Physicist

Radiation Protection Expert

