

How to optimize patients throughput, the technologist's perspective

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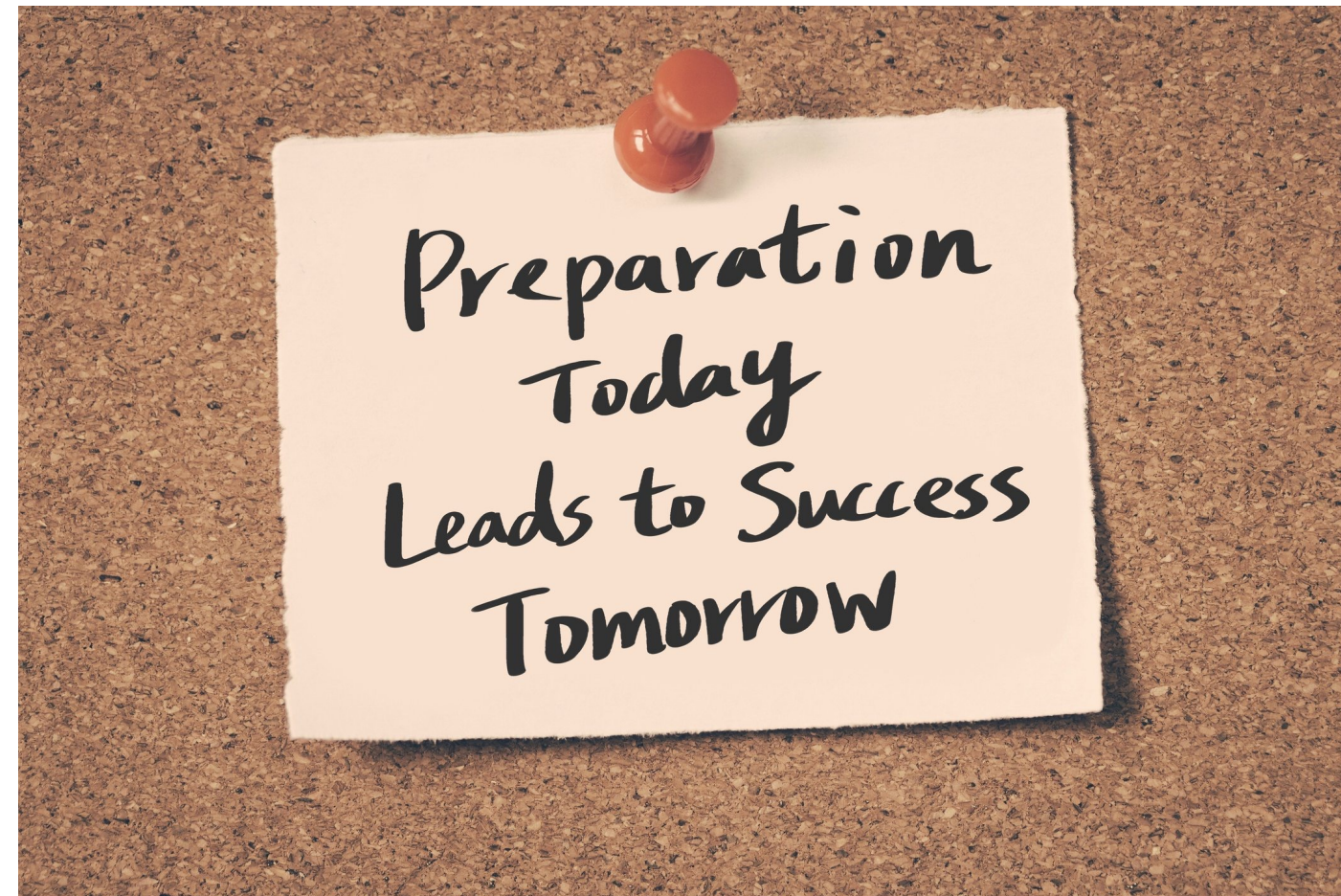


Optimization throughput patients



Optimization throughput patients

Optimization starts with good preparation



Optimization throughput patients

GOOD PREPARATION:

- CLEAR EXPLANATION OF WHAT, HOW AND WHERE.
- CLEAR INDICATION OF USE NUCLEAR PRODUCTS/ WHO BELONGS IN DEPARTMENT
- CORRECT PATIENT INFO ENSURES EFFICIENT WORKFLOW



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CLEAR EXPLANATION OF WHAT, HOW AND WHERE:

- INFORMATION ABOUT TYPE OF EXAM, DURATION, GUIDELINES, ...
- PREVENT RESCHEDULING OR CANCELLATION
- EFFICIENCY IN REGISTRATION, SUPERVISION AND CONDUCTING THE EXAM
- CALL OR MESSAGE PATIENTS UP FRONT WITH GUIDELINES



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CLEAR INDICATION OF NUCLEAR DEPARTMENT:

- LAYOUT OF THE INFRASTRUCTURE
- SEPARATE PART OF BUILDING
- CLEAR INDICATION AT THE ENTRY OF THE DEPARTMENT
- MAKE IT CLEAR WHO MAY AND MAY NOT ENTER



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CLEAR INDICATION OF NUCLEAR DEPARTMENT:

- KEEPING INCOMING PATIENTS AND OUTGOING PATIENTS SEPARATE
- SEPARATING PET/CT AND NUCLEAR DEPARTMENT



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HOW TO:

- USE OF COCKPIT TO OVERSEE MULTIPLE MACHINES
- DISTANCE OF DIFFERENT PHASES OF EXAM AS CLOSE AS POSSIBLE TO EACH OTHER/ GRADIENTS IF POSSIBLE
- ADAPTING INFRASTRUCTURE TO NEEDS
- SMOOTH COMMUNICATION WITH SUPPLIER IN CASE OF DEFECTS



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WHAT ABOUT ASSISTANCE/FAMILY?

- OPERATING ACCORDING TO ALARA PRINCIPLE HINDERS PROVIDING PROPER ASSISTANCE TO PATIENTS
- GOOD INFORMATION AT START OF EXAM REASSURES PATIENT/ LESS NEED FOR ASSISTANCE
- MULTIDISCIPLINARY COLLABORATION



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MULTIDISCIPLINARY WORK:

- BRIEFING BETWEEN DIFFERENT CLUSTERS ENSURES EACH CLUSTER IS AWARE OF ADJUSTMENTS/ INNOVATIONS
- ENSURES CONTINUITY OF CARE AND SENSE OF SAFETY FOR THE PATIENT
- INCREASES EFFICIENCY OF WORK



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THE RIGHT INFORMATION IN THE RIGHT PLACE:

- ACCURATE PLANNING OF THE EXAMS INCREASES EFFICIENCY
- GROUPING OF SAME EXAMS
- FEWER STAFF FOR THE SAME WORK
- ADEQUATE COLLABORATION BETWEEN SECRETARIAT AND NUCLEAR STAFF



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HOW TO:

USE OF VR GLASSES OR MUSIC TO REDUCE ANXIETY

[Virtual reality bril zorgt voor rustigere patiënten op dienst radiologie | AZ Maria Middelaes](#)

[RUG01-002783466 2019 0001 AC.pdf \(ugent.be\)](#)

HEALING ENVIRONMENT

[pdf \(jeroenboschziekenhuis.nl\)](#)

[Philips creëert met kunst en muziek meer ontspannen MRI-ervaring - Smarthealth](#)



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HEALING ENVIRONMENT

- ONE IN FIVE SCANS NEEDS TO BE REDONE BECAUSE PATIENTS MOVE TOO MUCH, DUE TO TENSION, FEAR OR CLAUSTROPHOBIA.
- TECHNICALLY BETTER IMAGES, THUS BETTER INFORMATION FOR THE DOCTOR
- MORE PLEASANT EXAM FOR PATIENT



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HEALING ENVIRONMENT

- CREATE MORE COMFORT FOR PATIENTS AND THUS REDUCE STRESS.
- MORE INTERACTION BETWEEN PATIENT AND STAFF
- A SENSE OF CONTROL FOR THE PATIENT
- USEFUL FOR YOUNG PATIENTS
- APPLICABLE WITH, FOR EXAMPLE, MUSIC AND ART



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HOW TO:

- DIFFERENT APPROACH TOWARDS CHILDREN OR ADULTS
- USE OF SOLID FIXATION MATERIAL
- SENSORY LAMP
- ADAPTED ENVIRONMENT FOR CHILDREN
- PUNCTURING IN ADVANCE IN PEDIATRICS



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VARIA:

- SEPARATE CHANGING ROOMS INCREASED EFFICIENT WORK BETWEEN 2 PATIENTS
- MORE PRIVACY FOR PATIENTS



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