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Chest X-ray Taking Procedures Training for X-ray technicians/ Radiographer

“Quality Assurance”

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Content



Quality Assurance



IQC Measures for Radiography Work



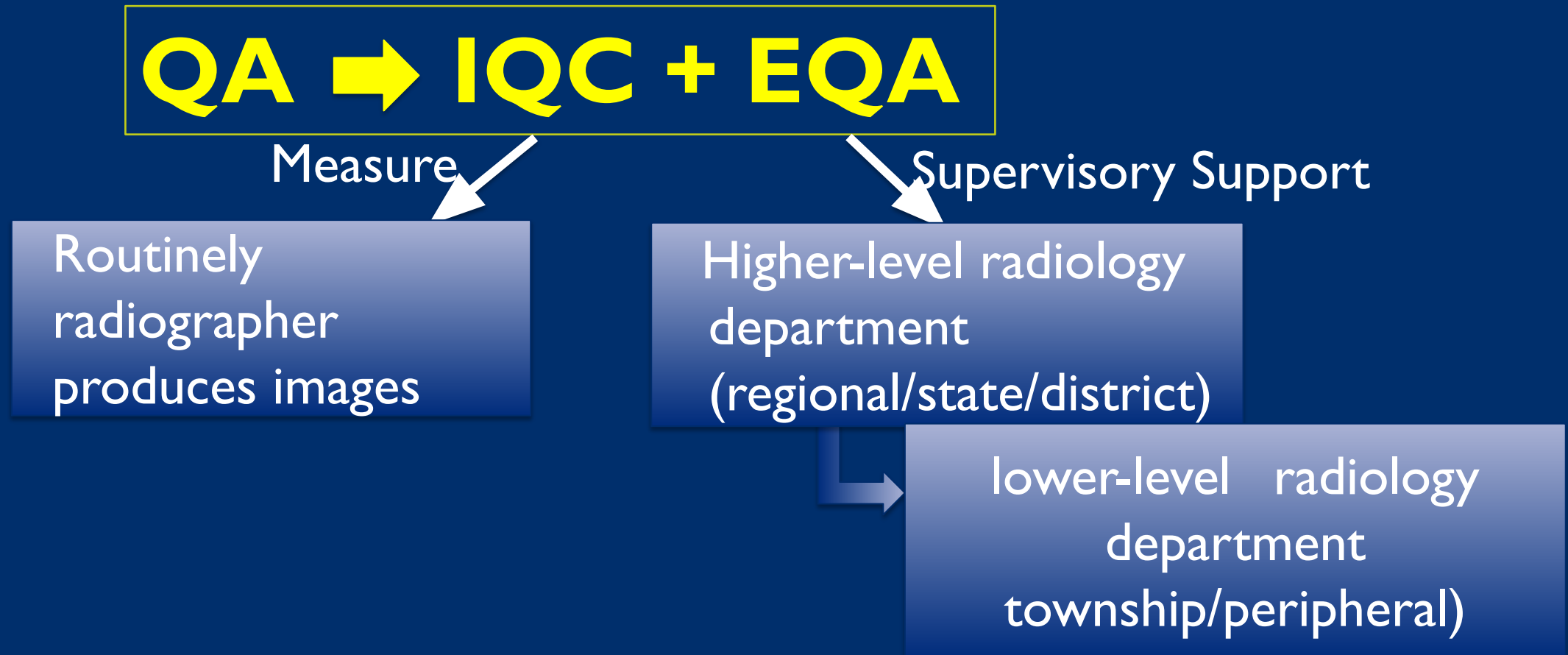
EQA Assessment



QC Test

Quality Assurance

Quality assurance



X-ray technician/radiographer TB Chest X-ray Training Curriculum by Prof U Khin Hla

IQC Measures for Radiography Work

IQC Measures for Radiography Work

Daily - cleaning of the department

Weekly - cleaning of the film cassette

Monthly - cleaning of the lead apron, gonad shield, etc.,

Annually - Any fault detected in the X-ray unit or control panel should be immediately reported to the appropriate engineers

Need radiation safety certificates from the authorized department and renewed annually



X-ray technician/radiographer TB Chest X-ray Training Curriculum by Prof U Khin Hla

EQA Assessment

EQA Assessment

“TB supervisors from the higher level should undertake EQA visits to the radiology section at the lower level.”

EQA Assessment – Cont.

Assess

- overall performance of the radiographer for TB CXR for IQC measures

Randomly select

- radiography images (3-5) and assess their quality

Interview radiographer

- achievements and challenges in quality and workload

Compile and share assessment report with radiologists/trained medical officer

- outlines corrective and improvement measures

QC Test

QC Test

No	Equipment	Frequency of testing	Method of testing
1	X-ray tube output	1-2 months	Dose at various exposures measured with ionisation chamber at known distance
2	Light beam alignment	1-2 months	Light beam field compared to exposed field on film

Reference: 10e **RADIOLOGIC SCIENCE FOR TECHNOLOGISTS: PHYS, BIOL PROTECTION** By **Bushong** ScD FACR FACMP, Stewart.

QC Test – Cont.

No	Equipment	Frequency of testing	Method of testing

Reference: 10e **RADIOLOGIC SCIENCE FOR TECHNOLOGISTS: PHYS, BIOL PROTECTION** By **Bushong** ScD FACR FACMP, Stewart.

QC Test – Cont.

No	Equipment	Frequency of testing	Method of testing

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QC Test – Cont.

No	Equipment	Frequency of testing	Method of testing
			Star test object

Reference: 10e **RADIOLOGIC SCIENCE FOR TECHNOLOGISTS: PHYS, BIOL PROTECTION** By **Bushong** ScD FACR FACMP, Stewart.

THANK YOU !