

Appendix-1
Data Collection for Staff
Staff doses during cardiac interventional procedures

..... :Date: Hospital
Type of op procedure: Clinical indication:
..... Patient ID
..... TLD

Main operator

() Hand () Waist () Chest

Assistant

() Chest

..... :Start time:End time: Total time

..... :KVp:mAs

..... :KVp:mAs

..... :KVp:mAs

..... :KVp:mAs

:Comments

.....
.....

Appendix-2

Data Sheet- Patient Doses In Cardiology

..... :Date.....Hospital Room No:Start:.....End

..... :ID:Age.....Weight: Height: Sex

..... :Clinical Indication

..... :Type of procedure

.....Number Of radiographic film Total dose..... Total time

NO	KV	m A	ms	SID	mGy	Sin Sec	Fluoro- time
							-Radiog
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

..... :Comments

Appendix-3

Sudan University of Science and Technology College of Graduate Studies Data collection sheet

:Equipment information

..... :Hospital

..... Manufacturer Manufacturing Date

..... Type.....Fixed/ Mobile..... Focal spot

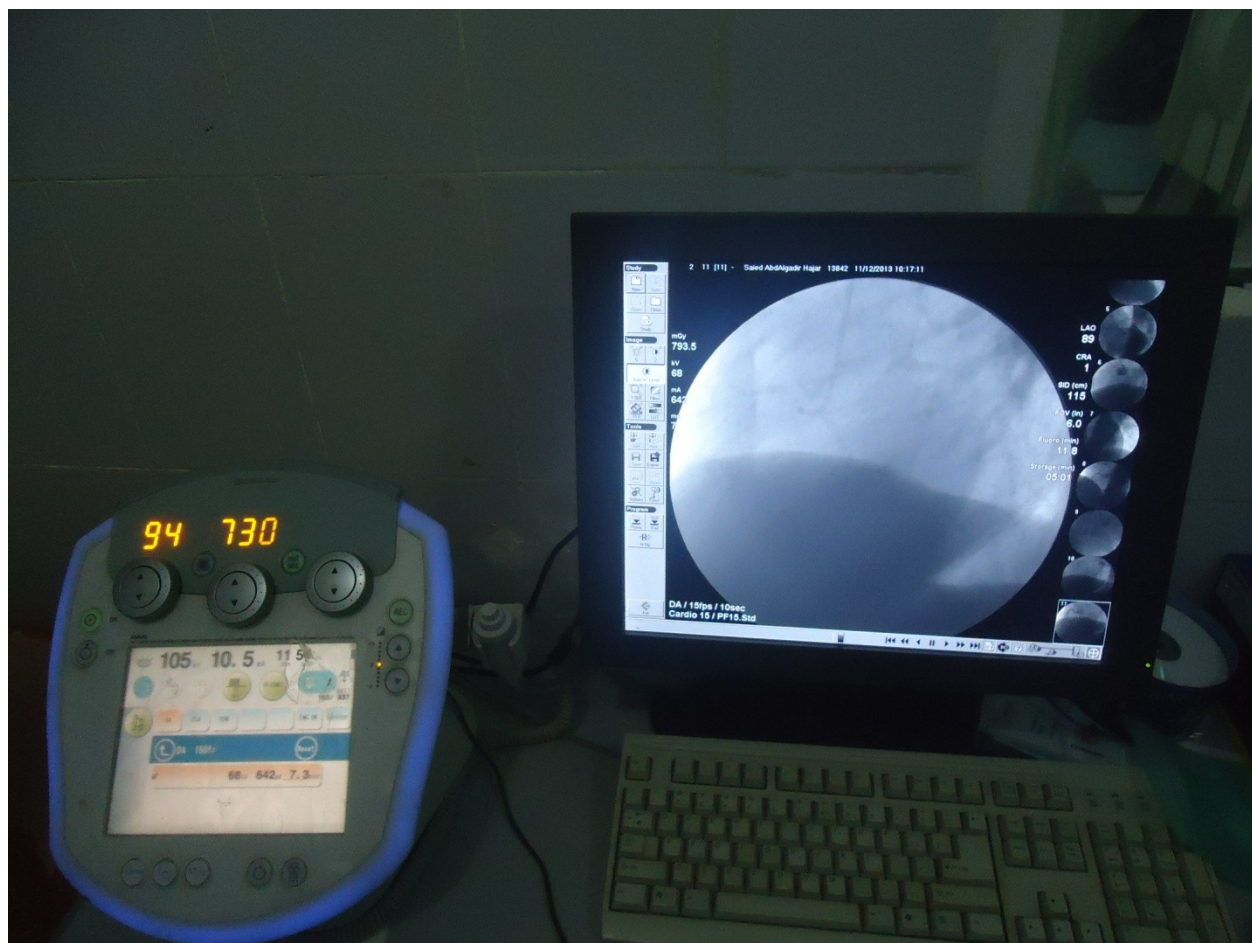
.....Total filtration.....Maximum kV

.....X ray tube generator (phase).....Maximum mA

.....Tube output ($\mu\text{Gy/mAs}$) at 1 m.....Maximum time

.....(Year of InstallationTube... (Over couch/under couch

Appendix-4



DAP reader in Catheterization procedure

Appendix-5



Figure of C-arm Machine in Alshaab hospital

Appendix-6

Evaluation of Patient Dose Paper

Appendix-7

Evaluation of Staff doses Paper