

# Slamet Riswandi

Jakarta, 13 February 1978

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## Current Position

## Working experiences

*Service Engineer for Radiotherapy and Nuclear Medicine*

### 2015-Present

*MRCCC Siloam Hospital as Nuclear Medicine engineer*

- Handling Nuclear Medicine machine such as “Cyclotron Twins 18MeV, SynthERA Plus, HPLC-Itm, HotCell-Commeccer”.
- Operating Cyclotron Twins for F-18 production daily.
- Troubleshooting Cyclotron twins, SynthERA Plus, HPLC, Hotcell.
- Troubleshooting Cyclotron-Kiube AWS General hospital in samarinda East Kalimantan [2022].

### 2010-Present

*MRCCC Siloam Hospital as Radiotherapy Engineer*

- Installing Linac iX together with Murti and Varian engineer [2010].
- Collecting beam data for Linac ix with medical physicist.
- Installing Linac iX together with Murti and Varian engineer [2015].
- Troubleshooting Linac iX-Varian, CT-Simulator-Philips, Gamma Med 24Ch-Varian.
- As speaker in University of Indonesia Meeting-Discussing Down Time related to MLC issues in Linac machine [2017].

### 2005-2010

*PT. Murti Indah Sentosa as Radiotherapy Service Engineer*

## Responsibilities

- Reinstalling Linac 2100C from old building to new building at Dr. Soetomo General Hospital in Surabaya.
- Loading Source for Brachytherapy-Nucletron for RSCM hospital and Persahabatan hospital.
- Troubleshooting for Linac 2100C-Varian, Brachytherapy-Nucletron for RSCM hospital and Persahabatan Hospital.

*Make sure the following machines are always in a good condition:*

- Linac iX –Varian [2 Units]
- CT-Simulator-Philips [1Unit]
- CT-Acuity –Varian [1 Unit]
- Gamma Med 24Ch-Varian [1 Unit]
- Cyclotron Twins 18MeV-IBA [1 Unit]
- SynthERA plus – IBA [1 Unit]

*Make sure machine spare parts are available, stock-re-stock.*

*Archiving, repairing and maintaining all machines.*

*Performing monthly QA Linac with Hospital Physicists.*

*Performing three monthly – Periodic Maintenance for Linac-iX with Murti or with Varian engineer.*

*Performing six monthly-Periodic Maintenance for CT-Simulator with Philips engineer.*

*Installing source IR-192 for GammaMed every 4 month.*

*Performing monthly-Periodic Maintenance for Cyclotron twins and SynthERA.*

*Make sure machine downtime is less than 5% each year.*

*Daily inspection to prevent machine down time.*

*Repairing Linac machine efficiently and effectively, so patients can be treated as soon as possible.*

*Guiding remotely RTT to solve linac problem.*

*Monitoring intermittent error occurs so it become easier to repair next.*

*Localizing issues/problems.*

*Schedulling repair and maintaining machine.*

## Achievements

- 2015-Present** *Cyclotron and SynthERA plus downtime less than 5%.*
- Performing some modifications in repairing Cyclotron and Synthera machine.*
- Minimizing expenses by using renewable part for machine that not full service contract.*
- 2010-present** *Linac iX, CT-Simulator downtime less than 5% each year.*
- Reducing patients complaints about the machine down each year.*
- 2015** *Install new mechine Linac iX.*
- 2010** *Install new machine Linac iX.*
- 2008** *Reinstalling machine Linac 2100C.*
- 2007** *Installing Mobile X-Ray.*

## Reference

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