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MATRIC NUMBER: 17/MHSO6/057

QUESTION: DESCRIBE HOW YOU CAN MAINTAIN THE AUTOMATIC ANALYSERS IN ABUAD MULTISYSTEM HOSPITAL AND KEEP THEM IN GOOD CONDITION.

Automatic analysers are medical laboratory instruments designed to measure different chemicals and other characteristics in a number of biological samples quickly with minimal human assistance. It is important that these instruments are properly maintained and always kept in good conditions else they can bring about errors. Some ways to maintain these automatic analysers in the abuad multisystem hospital are;

* Keeping the operation site and all the equipments clean at regular intervals as it is one of the best ways of keeping it in good working condition and elongating its functional life.
* Always keep device upright, do not shake or place on a slanted place
* Do not drop liquids around instruments
* Do not touch moving parts when in motion
* There must always be stand by replacement for the equipments when needed
* Always have a source for lab equipment and technologies
* Refurbishing at regular intervals will extend the life of your lab equipments
* Keeping the components in good conditions. Examples; reagents should be kept in the appropriate places according to their temperature, sampling probe, slider, pallet, detectors, and pipeline should be cleaned, lubricated and consistently checked for damage
* All the different types of wastes should be disposed appropriately
* Calibration services should be sought regularly
* Laboratory equipments maintenance and repair should be undertaken by a qualified professional