Uncontrolled Bleeding Biomedical Engineering Approach Micro Relay

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Some ladies suffer from irregular periods and uncontrolled bleeding. The diagnosis is mainly tried within the domain of the gynecologist but when the solution is evading, the fault could be tried in the neurology gamut. If it is so no amount of effort in the gynecology zone can give any result The sister of my friend, a medical student died in 1964 because of this problem, nothing could be done except being helpless. An attempt with the neurologist might have saved her. The idea did not occur at all.

After the bad blood formation, at its periodic clock time, it starts exiting on the high pressure because of the accumulated quantum but as is the case with some abnormal cases, the ending stopping of the bleeding does not take place, with the clock time. High pressure starting is assertive due to existing quantum of the bad blood, where as the low pressure signal is not assertive. Here is where an assistance in and of the stop command might give the right click for the stoppage. Taking into cognizance the density/ specific gravity differential between the good and bad blood, the latter having a high density to the tune sometimes it solidifies. The stop command can be generated with the already in vogue neuro medicines. In centrifugal separators de-Laval, alpha-Laval and Sharples, first seal of the heavier fluid water is made and then the oil to be purified is let in through the central passage at the top, is rotated at the high rpms of 6000, 9000 and 10000. By virtue of different specific gravities water oil and sludge are thrown at different radii and are collected separately at their respective outlets. Loss of the heavier fluid water seal leads to unabated flow of oil through the water outlet to the sludge tank, till stoppage by the operator and restarting Here there is no centrifugal force, but only the pressure and pressure signals. The bad blood making its appearance when the relevant pressure develops once the quantum is ready. Here there is no seal by the denser fluid only its timely appearing and exiting in most normal cases.

In the abnormal cases, it is the other way round. The good blood flow domineering, the bad blood keeping quiet or lying low its clock-timer signal having no sufficient strength to assert itself for stoppage. When two generators/alternators are run in parallel and there is imbalance In load sharing, the load on one increasing cumulatively, the other becomes a motor i.e. a load on the first one. To stop this, the reverse power relay comes into action and stops the second one from becoming a load similarly a micro reverse flow/ overflow relay can be made with the available biochips as an external device to stop the unabated bleeding and its effect on the neuro system studied.

By impedance matching imaging with the relevant brain sectors i.e. it's acceptance in to the neural networking and the whole process can first be simulated on systems. The bleeding controller circuit consists of 1) Micro DC Source 2) A sensor to sense change of ph value or density 3) A PNP transistor the unit to be placed in the flowing blood which itself is the negative terminal when there is a change of blood the sensor senses by sensing ph value or density this is picked up by the PNP transistor serves as a source for our desired signal. When we touch a piano switch with wet fingers the near equivalent power signal reaches the brain, we feel and take the shock at 220V level and as such this micro DC source level this can be easily experimented with no fear.

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