

R = m c I p
Glasner

Roffo, A. E., Jr.

"Action des ondes électro-magnétiques sur les
matières colorantes photodynamiques dans le
coeur des batraciens"

International cong electro-radio-biology,
p. 415-439 (1934)

(in Fr.
Eng. Summary)

SUMMARY

Based upon the tracings obtained with neutral red, methylene blue, erythrosin and eosin, we may say that the solutions irradiated with electromagnetic waves exert a much stronger action on the heart of batrachia than the non irradiated solutions. The intensity of the action decreases in the following order:

Eosin
Erythrosin
Neutral red
Methylene blue.

These substances act on the auriculo-ventricular and intraventricular systems, provoking A.V. blocks and I.V., with diminution of the systolic amplitude.

Similar results have been obtained with ultraviolet rays.