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## **Editorial**

Gasser R

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## Editorial

R. Gasser



20 years ago almost by the day, I began to work in the field of cardiology. In view of this anniversary I wish to share some thoughts on the present and future of Cardiovascular Medicine.

1997 Werner Klein and I founded this independent scientific journal. We were very glad to find world-wide support for our journal, which expressed itself in the composition of the Editorial Board as well as in the brilliant international articles submitted. With this Editorial, I wish to thank all the contributors. Certainly, all of them have done an excellent job over the years.

### Worries and Sorrows

World-wide restrictions in public spending, in particular concerning health care in all of its aspects, have brought more and more ethical questions. Soon, the discrepancy between what could be done technically and what ultimately can be paid for, will reach a magnitude difficult to bridge. While cardiologists currently wonder "which device to chose", too soon they will wonder "which patient to treat". There is definitely still a cost-saving potential in rationalizing and optimizing the use of available means. However, society will

not have to address the question "what can be done", but "what are we willing to afford". The latter, however, is a challenge for politicians rather than for physicians.

### Hopes and Visions

New therapeutic options, of course, may also harbour various potentials reaching from a cheaper production of pharmaceuticals to optimal individual use of drugs. This may, for example, be reached by further development of pharmacogenetics.

My ultimate vision is the application of quantum physics in medicine, in particular in cardiology. We already use quantum physical techniques as diagnostic tools such as magnetic resonance or radio-nucleid scintigraphy. However, quantum physical signal transduction and electromagnetic field conditioning in biophysical systems have received little or no attention in cardiovascular sciences as to now. Multiple attractors and field-theoretical aspects of information transfer and storage have been poorly understood as yet. Note-worthy, in biological and biophysical science, quantum physical understanding of certain processes seems to gain ground. Searching for publications on "biophotones", "very low concentration solutions" or "quorum sensing" in the internet, the number of publications rises by the day. Hence, we have decided to dedicate one of the next issues to quantum physics in medicine – papers are invited.

In summary, this journal, which has brought a tantamount work for all of those who are involved, has deserved its place among the other cardiovascular journals. I hope its success continues for the years to come.

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