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commonplace in clinical practice. The registered biosignals reflect mostly vital physiologic phenomena. In order to adequately apply biomedical sensors and reasonably interpret the corresponding biosignals, a proper understanding of the involved physiologic phenomena, their influence on the registered ...

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to electrical domain which you commonly see in your homes, offices, shopping malls, hospitals like fire sensors and door sensors which makes our life easier and safer.

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According to biological sensing
component, biosensor may be divided into
five classes: enzyme sensor, microbe
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immune sensors. According to the signal

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converter of biosensor, biosensor may be also divided into five classes: bioelectrode sensor, semiconductor biosensor, optical biosensor, piezoelectric biosensor and thermal biosensor.

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interpretation. The human bodies continuously communicate health information that reflects the status of the body organs and the overall health information.

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are miniaturized and wearable and, above all, they are more sensitive and accurate with respect to signal acquisition.

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Such sensoric systems provide clinical information in the form of biomedical

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signals and images which are further processed. In order to provide proper clinical information, we need to employ modern intelligent methods for processing and extracting clinical information, reporting the state of analyzed tissues.

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