



Patient Benefit and Basic Sciences, How They Should be Integrated?!

Improvement of knowledge is the most criteria for evaluating human beings. Sciences may be responsible for some kind of services or innovate the new subject or only to improve the science. We as clinician are looking to science that how it can help us responding the patient needs and how the patient will benefit from it. Improving the health is the last outcome of sciences. Basic sciences are the infrastructure and corner stone of such sciences. Therefore it is well clear that patients with malignant diseases will benefit from basic sciences. It is not so far that the clinical decision for cancer management was based on clinical judgment such as locally advancement, or regionally involvement, also the treatment was mainly clearing it by knife. Nowadays the staging of cases are related to pathologic feature such as sub type of diseases, grading, vascular invasion, and biological criteria such as amplification of some genomes or presenting some proteomics, growth factors , receptors. It means that the patient benefit is not related only to clinician expertise but even to basic science specialists that guiding us to better understanding the patient status. Treatment of patients are changed from knife only to target therapy, locally or systemic. Target management is not only for patient benefit but also for preventing the diseases and cancers. Integrating vertically and horizontally of basic sciences into clinical expertise will be more beneficial for all.

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