

Microbiological Coding: A Branch of Future Microbiology Practice and Assays

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Medical coding has been in practice since ages in the medical practice, especially focused in American, European and British regions. Medical coding and billing has been efficient and effective way of dealing with patients concerns and that of medical practitioners. Instead it gives a green signal towards following ethical way of conducting the respective jobs and duties within the arena of medical practice. This is much needed as more and more cases of miss-happenings and wrongful diagnoses as well as wrong practices have emerged before the coding practices were made the rule. However, the other world countries shall also learn from these rules and regulations and also shall apply these practices in their respective regions. The idea of present letter to the editor here has been to bring the "Coding Practice in Microbiology Branch". Microbiology as a subject and branch of medicine plays very crucial role in detecting and follow up diagnosis of any kind of disease or ailment or what's so ever. Hence, being important branch of medicine, even coding practices shall also be brought in the microbiology practice and assays conducted across the world.

Microbiological coding is one of the ways to bring harmonization in the practice of microbiology the branch of medicine which is very crucial to the medical field and the patients we deal with. Bringing in harmonization, in today's digital arena, is highly important as day by day cases of mistakes and errors are increasing rapidly, without any way out to have a control on the illegal and error practices. Microbiological coding will help in detecting errors happening in the field where improper steps and procedures are followed while taking for e.g. diagnosis test for any bacteriological infection. It has already been reported by a document published in Washington D.C. that for computer age there is need to build up a centralized computer hub where all microbiological data will be collected and stored for anyone in need to access it and take advantage of the reports already published or being reported anywhere in the Globe. ^[1]

Microbiology assays and standardizations are carried out either using U.S.P. (U.S. Pharmacopoeia) or British Pharmacopoeia, or for the sake I.P. (Indian Pharmacopoeia). However, these standard publications take long time to be updated. An alternative to it is to develop standards by the statutory bodies of different countries and followed by strict coding publications in the field of microbiology especially. This will help in bringing harmonization across the different regions of a nation and

not only this, it can also set the benchmark for further science practitioners to follow the guidelines and standard publications strictly or face the court of law in specific region.

There is plenty of improvement area left in the space of microbiology which we the todays generations can help uplift the branch of science which deals with the basic unit of life, i.e. "The cell". Bringing in coding rules in this branch of science will help guide the present medical practitioners anywhere in the world to follow the procedures and also bring standardization into the practice of microbiology which will not be restricted to just assays.

Hence, we hope that our thought-process will help attract some eye balls from the medical fraternity and some leader will take the lead to bring revolution in the way we deal with microbiology around the world.

REFERENCES

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