

① Ethical Issue in clinical chemistry:-

① Confidentiality of genetic information:

Clinical laboratories have been responsible for maintaining the confidentiality of all lab. results including go patients genetic information.

- Important to prevent, Health insurance and employment

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 denial to people for at risk of disease found by genetic testing

② Confidentiality of patients medical data:

Need of developing new ^{astic} test and evaluation of test

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 requires patients sample and use of patients medical information

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 ethical judgement requires regarding type of consent needed from pt.

③ Allocation of resources:-

For balance b/w cost and quality



Ethically responsible decision to be made by laboratory
i.e.



① What is best for patient?

② How most good can be done by available resources?



④ Codes of conduct:-

Professional organisations / body publish a code of conduct



requires to be followed by its members

ex → AACC (American Assn. of Clin Chem)



published ethical principles which requires to be followed by AACC memb.

⑤ Publishing Issue:-

publicatⁿ of document



Author is responsible for honest and complete reporting of original data produced in ethically conducted research.

International committee of publicatⁿ ethics



publishes policies to avoid

① fraud, plagiarism, falsificatⁿ

② Duplicate publicatⁿ

③ Inappropriate authorship credit.

Journals ^{have} conflicts of interest for both authors and journal editors.

example - clinical chemistry requires authors complete a full disclosure form upon manuscript submission.

⑥ Conflicts of Interest :-

Interrelationship b/w practitioners in medical field and commercial suppliers



requires official institutional review of disclosure by researcher and management



Disclosure indicates potential conflict of interest to research.

Similar relationships b/w laboratories and
manufacturers / providers of equipments have to
be scrutinised.