

GMP (Good Manufacturing Process): A mandatory aspect in pharmaceuticals manufacturing

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A good manufacturing practice (GMP) is a production and testing practice that helps to ensure a quality product. GMP is aimed primarily at diminishing the risks inherent in any pharmaceutical production, which may broadly be categorized in two groups: cross contamination and false labeling. The main risks are: unexpected contamination of products, causing damage to health; incorrect labels, which could mean that patients receive the wrong medicine; insufficient or too much active ingredient, resulting in ineffective treatment or adverse effects.

GMP covers all aspects of production; from the starting materials, premises and equipment to the training and personal hygiene of staff. Detailed, written procedures are essential for each process that could affect the quality of finished product. There must be systems to provide documented proof that correct procedures are consistently followed at each step in the manufacturing process - every time a product is made. Therefore, complying with GMP is a mandatory aspect in pharmaceutical manufacturing and basic concepts of all of these guidelines remain more similar to the ultimate goals of safeguarding the health of the patient as well as producing good quality medicine, medical or active pharmaceutical products.

Ongoing research shows that GMP is a mandatory aspect in pharmaceutical manufacturing. Good manufacturing practice (GMP) is a term that is recognized worldwide for the control and management of manufacturing, testing and overall quality control of food and pharmaceutical products. Good manufacturing practice (GMP) is a system for ensuring that products are consistently produced and controlled according to quality standards.

Biography

Kapil Verma is a student of M.Sc., Forensic Science, Amity Institute of Forensic Science (AIFS) Amity University, India. He has completed his B.Sc. from Punjab Technical University, Punjab, India. He has more than 8 paper publications in reputed journals, conference proceedings, poster presentations, literature reviews to national, international conferences, symposium and workshops. Currently, he is working on his research topic related to the clinical research.

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