Good Manufacturing Practice Regulations

Your objectives:

At the end of the lesson, you should be able to (1) identify, and appropriately apply, good manufacturing practice and (2) list the different authorities, identifying the key regulatory				
mechanisms in the	of pharmaceutical			
and devices.				
Overcoming challenges				
Traceability Complaints and Recall Recall Hygiene in Production Quality Management Suitable Facilities and Qualified Personnel	The term "Good Manufacturing Practice" was introduced in 1962 by the Food and Drug Administration through the "current good manufacturing practice" (cGMP*) initiative, or are enforced by the US Food and Drug Administration (FDA, aka. USFDA). Why have GMP regulatory mechanisms been put in place? Just imagine what would happen were there no existing rules and			
regulations; the would ge	enerally not have the means, either			
through the senses alone or through any readily available				

measuring devices, by which to detect whether a product is				
or effective.				
Good manufacturing practice (GMP) is a set of addressing not				
only the quality assurance of processes and environment in the				
production of drugs and their active ingredients, but also in those of				
, foods and animal feed. Quality assurance plays a central role in				
pharmaceutical production, otherwise quality will have a direct				
impact on consumer . A GMP-compliant quality management				
system serves to product quality and to meet the requirements				
of the health authorities that are binding for the sales and marketing division. The regulations within GMP delineate issues such as record-keeping, personnel qualifications,				
, cleanliness of rooms and equipment, equipment verification,				
process validation and compliancy with managing processes.				
Most GMP requirements are mostly general and open-ended, allowing each manufacturer to individually decide how best to implement and administrate the given controls. Though these guidelines allow for flexibility, GMP also that the manufacturer interpret the requirements in a				
manner that makes most sense within its own .				
GMP underlines systems that assure proper design, monitoring and				
of manufacturing processes and facilities. Adherence to the				

cGMP	regulations	assures the	e identity,	strength,			and
		0	f the drug	product, b	y requiring	that manufacture	ers of
medica	tions adequat	tely oversee n	nanufacturir	ng operations	. This includ	es the following:	
1.	establishing s	trong quality	managemei	nt		,	
2.	obtaining app	oropriate qual	ity raw				
3.	3. establishing robust operating ,						
 detecting and investigating product quality deviations, and maintaining reliable testing laboratories. 							
Common rules and guidelines are outlined on a global level by the following bodies:							
1.	the <u>European</u>	Commission	,				
 the Pharmaceutical Inspection Co-Operation Scheme (<u>PIC/S</u>), the US Food and Drug Administration (<u>FDA</u>), and 							
	the Internation	_		·	nical Requir	ements (<u>ICH</u>)	
Depending on which market a product is to be supplied, the respective state authority has to give its approval: <i>Swissmedic</i> , as the Swiss authority, is responsible for nationwide approvals for							
		, E	MA for Euro	ppe-wide app	rovals, and t	the FDA for approv	als on
the US market.							
Failure of pharmaceutical firms to with cGMP regulations can							
result i	n very serious			includ	ing recalls, f	ines and jail time. I	t goes
without saying, not doing so would greatly affect health of patients in need of proper medication, which is why it is crucial that drugs be manufactured under					-		

	stringent, established conditions and practices so as to ensure
quality is built into the design a	and manufacturing process at every step.

* "[The terms GMP and cGMP] are largely interchangeable": https://www.pharmout.net/gmp-vs-cgmp-whats-difference/

Aufgabe Lückentext:

Folgende Wörter bitte in den Lückentext einfüllen. Jedes Wort kommt einmal vor. Bitte Gross- und Kleinbuchstaben beachten.

compounds, consumer, cosmetics, control, comply, consequences, drug, deviations, guidelines, guarantee, health, hygiene, manufacture, materials, production, products, procedures, purity, quality, regulations, scientific, safe, systems, strict, Switzerland