Need for Good Yoga Practice



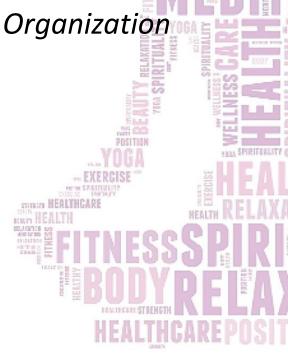


AKSHAY ANAND NEUROSCIENCE RESEARCH LABORATORY DEPARTMENT OF NEUROLOGY PGIMER, CHANDIGARH



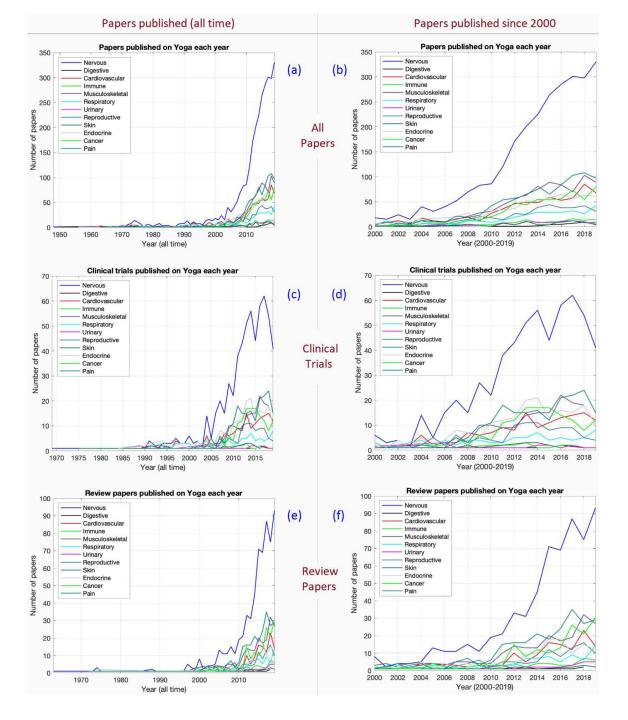
"...a state of complete physical, mental, and social well-being, and not merely the absence of disease or infirmity."

- The World Health Organization



• Geographical distribution shows that 37% of all Yoga related research output originates in the USA, 19% from India, 13% from Europe and 31% from the rest of the world.

 Rigor and reproducibility must be enhanced in addition to performing more RCT and clinical trials (increasing % of trials to 20–25% from 10–15%)



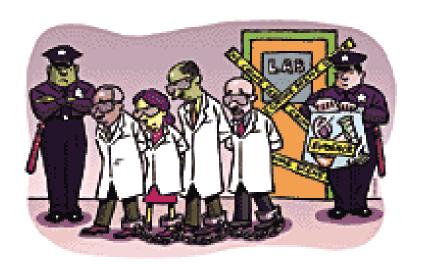
Why Were the GLPs Mandated?-Way towards GYP

In the 1970s, numerous cases of laboratory malpractice surfaced in toxicity testing of food and drugs in the U.S.

FDA inspectors found inaccurate, sloppy, and fraudulent research studies

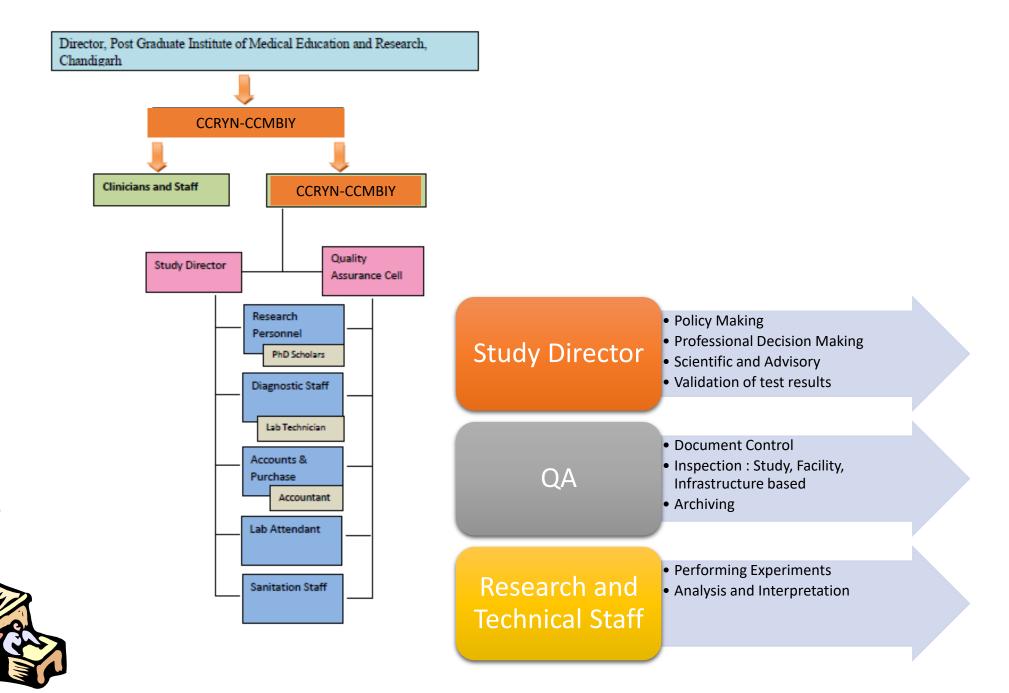
Became a public safety issue



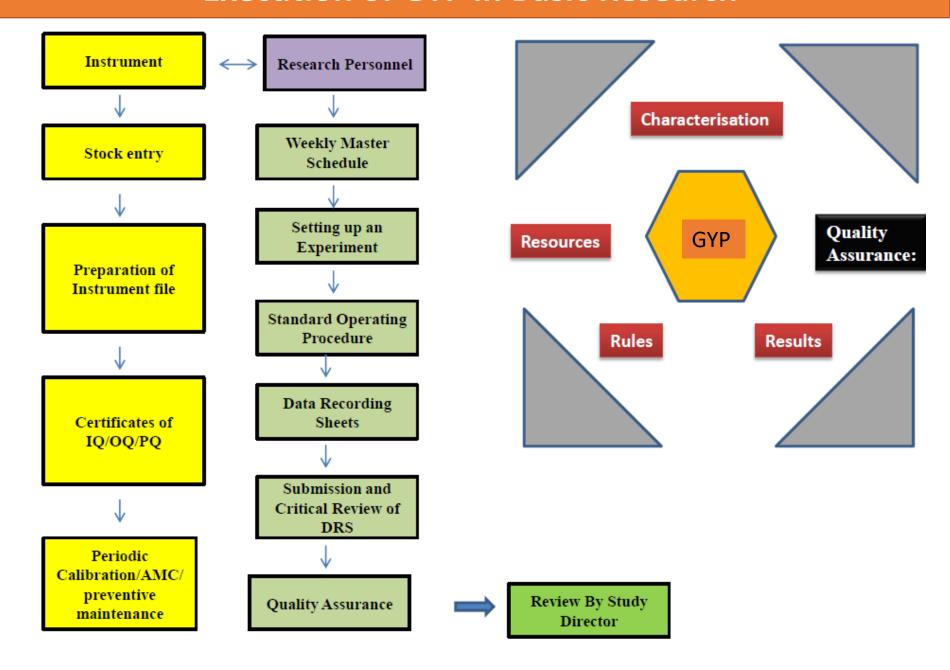


New need to prevent this from happening to Yoga, especially due to its interdisciplinary, demand for yoga protocols and trainer's accreditation.

Organogram



Execution of GYP in Basic Research



Master Coding

STANDARD	OPERATING PRO	CEDUR	E		
Title : Vajrasa	na (Thunderbolt/Dia	mond Pe	ose)		
SOP No.	Edition No.	Effectiv	ve Date	Review Date	Document Controller (signature/stamp)
Copy No.1	Date of Issue		Location	on (Unit/Division)	

1. Introduction: Vajrasana is a combination of two Sanskrit words, Vajra and Asana. Vajra is a weapon which means Thunderbolt or Diamond or Adamant Pose and Asana means a posture which is steady and comfortable. Vajrasana is one of the Meditative Postures. It is mentioned in Gherand Smhita¹ (2.12) & Hath Yog Pradipika² (1.39) which are two of the three classic text of yogasanas: According to GherandaSmhita, Place the heels on either side of the anal region and make the thighs tight like adamant like the Vajra. This Asana is known as Vajrasana, which provides Siddhi to the Yogi

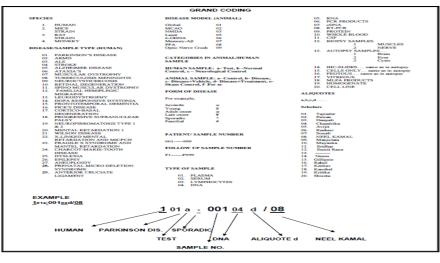
In Hath Yog Pradipika, Siddhasana is described in verse 37-39 as Vajrasana.

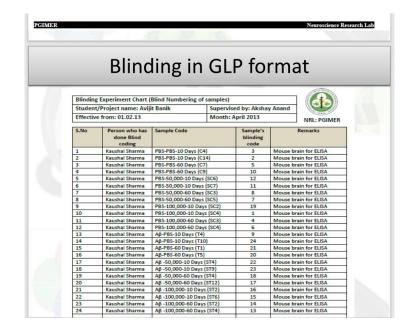
Etatsiddhāsanam prāhuranye vajrāsanam viduh

Muktāsanam vadantyeke prāhurghuptāsanam pare (1.39)

Meaning- Some call this Siddhâsana, some Vajrâsana. Others call it mukta Âsana or Gupta Âsana.

		ORDING SI				ability (HRV) b				()
RS No.			Student	Code:	SOP No.	Copy No.1A	Expe	riment No.	Document Controller	
perim	ent Co	onducted By:	Supervi Dr. Aks	ised By: shay Anand	Date of Issue:	Date of Experin	nent:		(Signature/Stamp)	NRL : PGI CHANDIG
erime	ntal D	Petails:								
Sr	. No.	Experimental	Procedur	e					Remarks	
	1	Attach HRV M	fachine in	Laptop						
	2	Paste 6 electron and 1 inside the			it, 2 on forehead, 1	on right side of tem	ples			
	3	Attach channel wrist and black			ht side of the wrist,	red on left side of t	he			
	4	forehead, black	on the ter	nples)		red on the left side				
	5	Go into the ten properly.	nplates and	l start recordin	g and ensure that re	cording is going on				
	6	After 6 min rec and code	ording wi	ll automaticall	be stopped then sa	ave the recording by	name			
ject d	etail:									
S. No	Name	e		Tir	ne-point (pre, post	, etc.)	Remark	is		
1.										
2.										
3.										
4.										
5.										
7.	-									
S.										

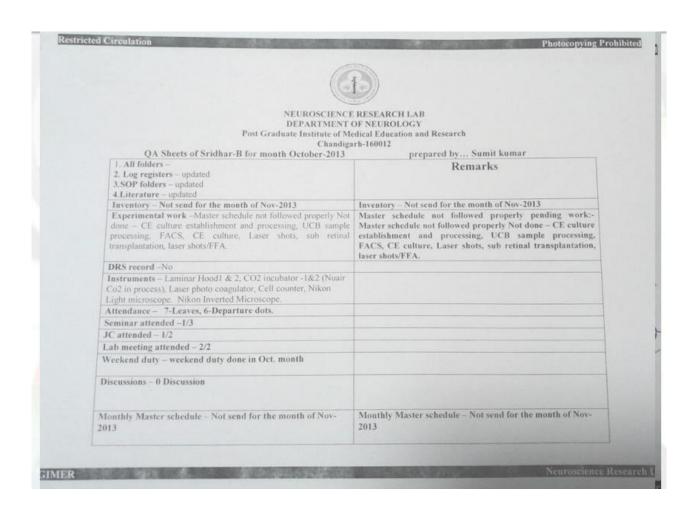




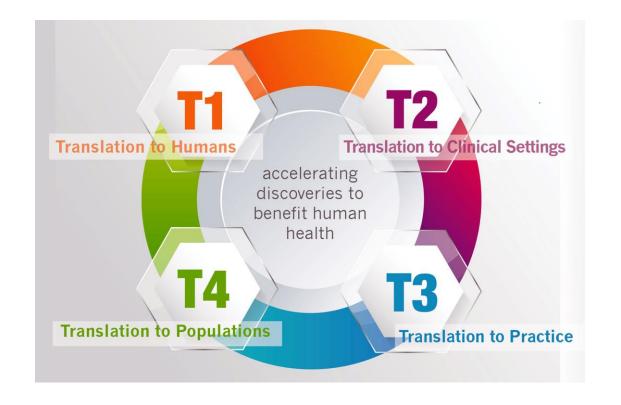
Archiving

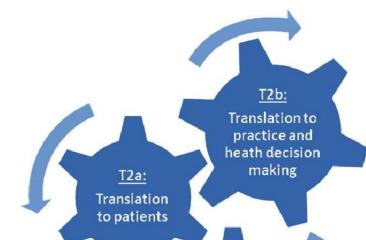
Restricted C			Photocopying Prohibit				
ocation: Room	n No-2	Month: October 2012					
(Cabinet 2D1) Maintained By: Sumit Kumar Rana		Updated on : 10-10-201	NRL : PGIMER CHANDIGARH				
no Items							
	re-Miscellaneous, Chandr	rika Abburi					
	Literature-Research Articles-VEGF, Chandrika Abburi						
CE-Rev	CE-Reviews, Chandrika Abburi						
4. CE-Res	CE-Research Articles, Chandrika Abburi						
	Quotations (Cobra File), Chandrika Abburi						
	Miscellaneous Folder, Chandrika Abburi, 2 nos.						
	Log Book, Chandrika Abburi- 2 nos.						
	SOP Folder, Chandrika Abburi						
	Literature Reviews-CE, Chandrika Abburi						
	DRS, Chandrika Abburi CE-Research Articles, Chandrika Abburi						
		Abburi					
	Proformas, Chandrika Abburi Raw Books, Chandrika Abburi, 5 nos.						
	*h ALS patient folder-I,						
14. SAF 2.3	*h ALS patient folder-II *h ALS patient folder-III	Pawan Gupta					
16 SAF 2.3	*a Normal Naurological	and controls from Anaesthes	is II Panian Gunta				
	ient folder-II, Pawan Gu		sia-ii, i awaii Gupta				
18 Normal	Neurological and Contro	le Panran Gamta					
	ology-Literature, Pawan						
20 Review	I (ALS VEGE Cel2, and	d Apoptosis), Pawan Gupta					
	II. Pawan Gupta	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	neous Literature, Pawan						
	d PGIMER admin. Docu	ments and credentials					
	ture, Pawan Gupta						
	re I, Pawan Gupta						
26. Literatur	re II, Pawan Gupta						
 SOP, Pa 	wan Gupta						
28. Lab mee	ting Diary, Pawan Gupta	1					
	Name	Signature	Date				
Author/Revie	w Mr. Sumit Rana						
Review By St Director	-						
Management Approval	Dr. S. Prabhaka	r					

Monthly QA review and document control



- Consort diagram
- Avoiding plagiarism
- Authorship consents





<u>T1:</u>

Development of methods in the laboratory for new diagnosis, therapy, and prevention

Development and implementation of ZED-YOG quality module: Niyantrita Madhumeha Bharata skill development initiatives

Rahul Tyagia, Akshay Ananda,*

^aNeuroscience Research Lab, Department of Neurology, Post Graduate Institute of Medical Education and Research, Chandigarh 160012, India

KEY WORDS

YOG ZED

Good Lab Practices Quality

*Corresponding Author:

Akshay Anand, Professor

Neuroscience Research Lab Department of Neurology PGIMER, Chandigarh, India, 160012 Contact no +91 9914209090 E-mail: akshay1anand@rediffmail.com

ABSTRACT

Background: Government initiatives and schemes for global healthcare improvement require efficient implementation which can transform the quality standards. We redefined the purview of Good Laboratory Practices (GLP) in the basic research investigations in order to create a benchmark of quality standards for conducting translational research.

Methods: We propose *Zero effect-Zero defect Youth Oriented GLP* (ZED-YOG) as a management tool for funding agencies to monitor data generated in labs funded by them.

Summary: This strategy can not only promote enhanced data scrutiny, validation but also health awareness.

Key message: YOG will ensure the communication of audited research data generated from publically funded national agencies





Quality Assurance Implementation in Research Labs

Akshay Anand Editor



Actions proposed to be taken

Formation of Inter Medical Institute of Yogic Sciences(IMIYS)

 PGI, Funding agencies or CCRYN to release funds to those that follow GYP Periodic audit of research data by IMIYS

Acknowledgments