

Designing And Implementing Self Directed Learning Modules As Teaching Learning Tools In Human Anatomy

Dr. Vishnu Pal¹, Dr Kailash Charoker²

¹ Asst. Dean & Associate Professor, Department of Human Anatomy

² Professor, Department of General Surgery

People's College of Medical Sciences & Research Centre, Bhopal (MP)



BACKGROUND

Self Directed Learning develops skills for lifelong learning

SDL is essential in the rapidly changing world of medicine

SDL is an innovative approach for shaping lifelong learners

Effective SDL develops competent IMGs

AIM & OBJECTIVES

Aim: To design and implement Self Directed Learning (SDL) modules in 1st Phase of MBBS Students in Human Anatomy

Objectives:

1. To design & implement SDL modules in 1st Phase MBBS Students of Human Anatomy
2. To assess effectiveness of SDL modules in 1st Phase MBBS Students of Human Anatomy and to measure readiness for same

METHODOLOGY

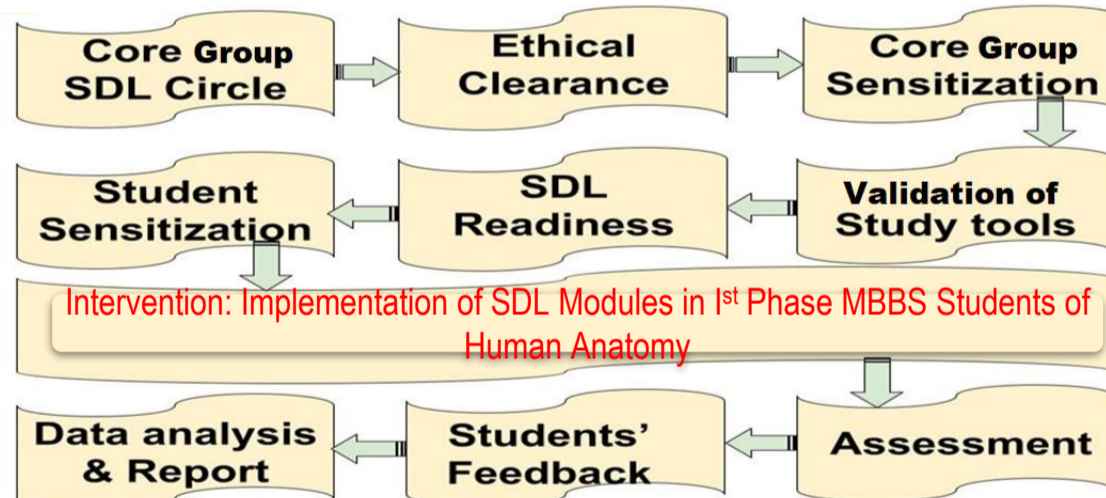
It is Prospective interventional Mixed Method study.

Study was approved by the Institutional Ethics Committee.

Sample size: 200 students (complete enumeration)

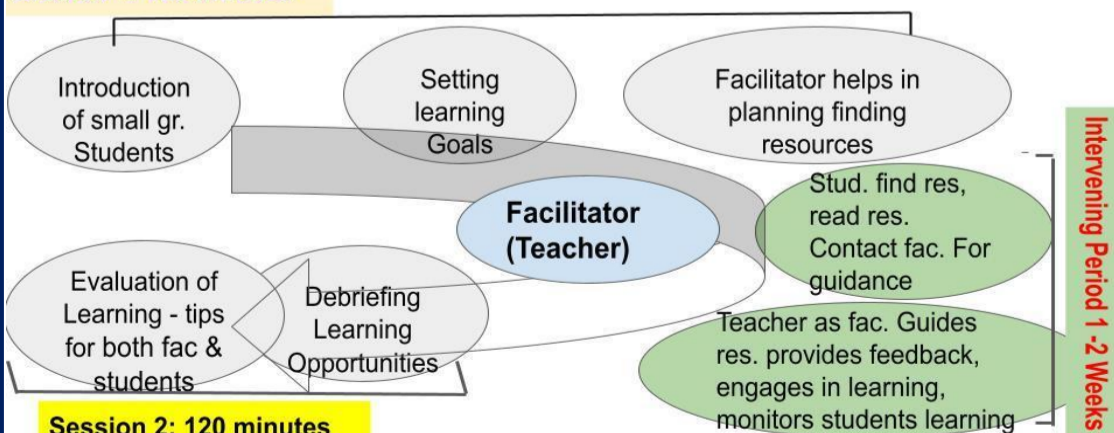
Data Collection: Student & Faculty Perception on SDL taken

Quantitative Data : Was expressed in Mean, Mode, Range, IQR, Frequency, and Graphs.

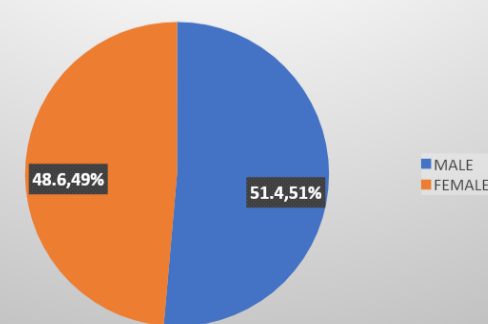


CONDUCT OF SDL

Session 1: 120 minutes



GENDER WISE % OF STUDENTS PARTICIPATED IN THE STUDY



RESULTS

Table. 1 Students SDL Readiness Score(DSVS Scale) N= 161

Themes→ Descriptive stats ↓	Self-Awareness (max.sc=60)	Learning strategies & styles. (max.sc=75)	Motivation (max.sc=30)	Team Building (max.sc=50)	DSVS Score (max.score=215)
Group Mean Score (SD)	38 ± 22	51 ± 8	19 ± 4	34 ± 6	143 ± 22
Median	38	51	20	35	144
Mode	36	45	18	30	129
IQR(Q3-Q1)	42.5 - 35 = 7.5	56 - 47 = 9	23 - 18 = 5	39 - 30 = 9	158 - 131 = 27

DSVS Total Score Range: Low (43–100); Medium(101– 158); High (159–215)

Fig. 1 Perception of Students on SDL Training (N= 175)

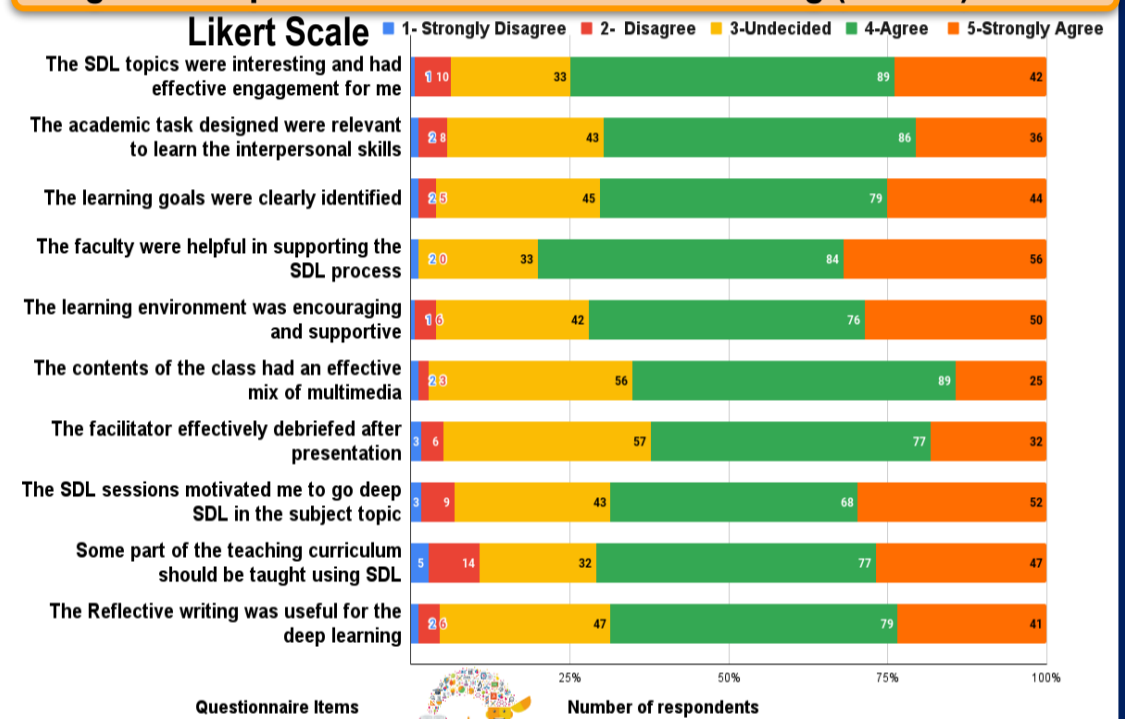


Fig. 2 Students Satisfaction (N=175)

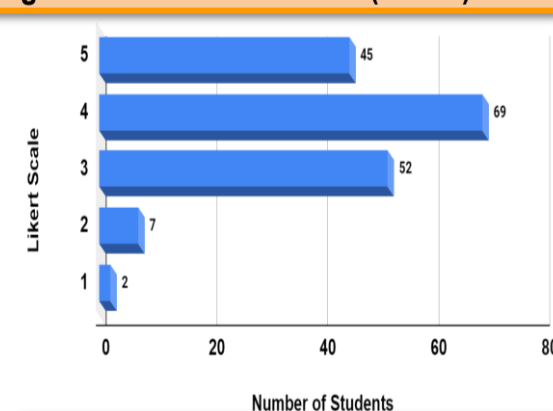
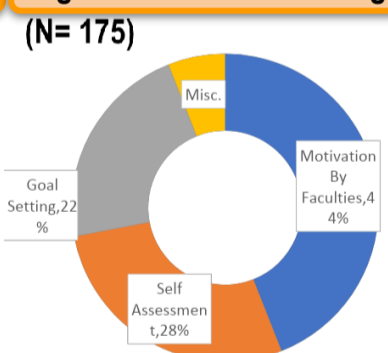


Fig. 3 Students Facilitating Factors (N= 175)



CONCLUSIONS

- SDL was acceptable among the students.
- SDL, is useful as an innovative method for teaching anatomy
- SDL produces effective learner engagement, leading to acquisition of SDL Skills and Topic Content Learning.
- SDL increases the retaining capacity more, as compared to than learning by spoon feeding

TAKE HOME MESSAGE

SDL, is an innovative method for teaching Anatomy & developing IMG as Lifelong Learner

ACKNOWLEDGEMENTS

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CORRESPONDENCE



Dr. Vishnu Pal
Asst. Dean & Associate Professor
Department of Anatomy
PCMS & RC, Bhopal-(MP)
Cell: 9303128669, 7000456815
drvishnupal@gmail.com