



PROJECT COMPLETION REPORT

1. **Project Number** : 5311
2. **Title of the Project** : The effect of manually driven piston generated shock waves on consistency of meningiomas
3. **Funding Agency Name** : N/A
4. **Project Reference Number provided by the Funding Agency:**
N/A
5. **Principal Investigator (Name & Address) :**
Dr. B Jayanand Sudhir
6. **Co-Investigators (Name & Address):**
 - i. Prof K P J Reddy
Professor, Indian Institute of Science, Bengaluru
 - ii.
 - iii.
 - iv.
7. **Implementing Institution** : SCTIMST
8. **Collaborating Institutions** :

- 9. Date of Commencement** : 01/06/2015
- 10. Duration** : 2yrs
- 11. Date of Completion** : 31/05/2017
- 12. Objectives as approved :**
To study the effect of shock waves on meningiomas
- 13. Deviation made from original objectives if any, while implementing the project and reasons thereof :**

None
- 14. Field/Experimental work giving full details of summary of methods adopted, data collected supported by necessary tables, charts, diagrams and photographs :**

N/A
- 15. Detailed analysis of results :**
- 16. Summary sheet of not more than 2 pages under following heads :
(Title, Introduction, Rationale, Objectives, Methodology, Results, Translational Potential)**
- 17. Contributions made towards increasing the state of knowledge in the subject :**
- 18. Conclusions summarising the achievements and indication of scope for future work :**

19. Science and Technology benefits accrued :

a. List of research publications with complete details :

Sudhir, BJ and Mahadevan, Anita and Reddy, KPJ (2021) Shock waves induce changes in meningiomas of the brain. In: Current Science, 120 (10). pp. 1587-1592. ISSN 0011-3891

b. Manpower trained on the project : Nil

i. Research Scientists or Research Fellows :

ii. No. of PhD's produced :

iii. Other Technical Personnel trained :

c. Patents taken, if any :

d. Products developed, if any :

20. Abstract: (In 300 words for possible publication in Bulletin)

a. Background:

b. Materials:

c. Results:

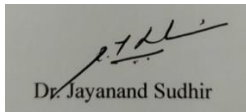
d. Conclusion:

21. Procurement/Usage of Equipment: Nil

a. Details of Equipment:

Sl. No.	Name of Equipment	Make/ Model	Cost (Rs.)	Date of Installation	Utilisation	Remarks regarding maintenance breakdown

b. Suggestions for disposal of equipment(s):



Dr. Jayanand Sudhir

(Name and Signature of PIs with date)

Routing: Signed copy of "Project completion Report" by PI → root@sctimst.ac.in, rpc@sctimst.ac.in