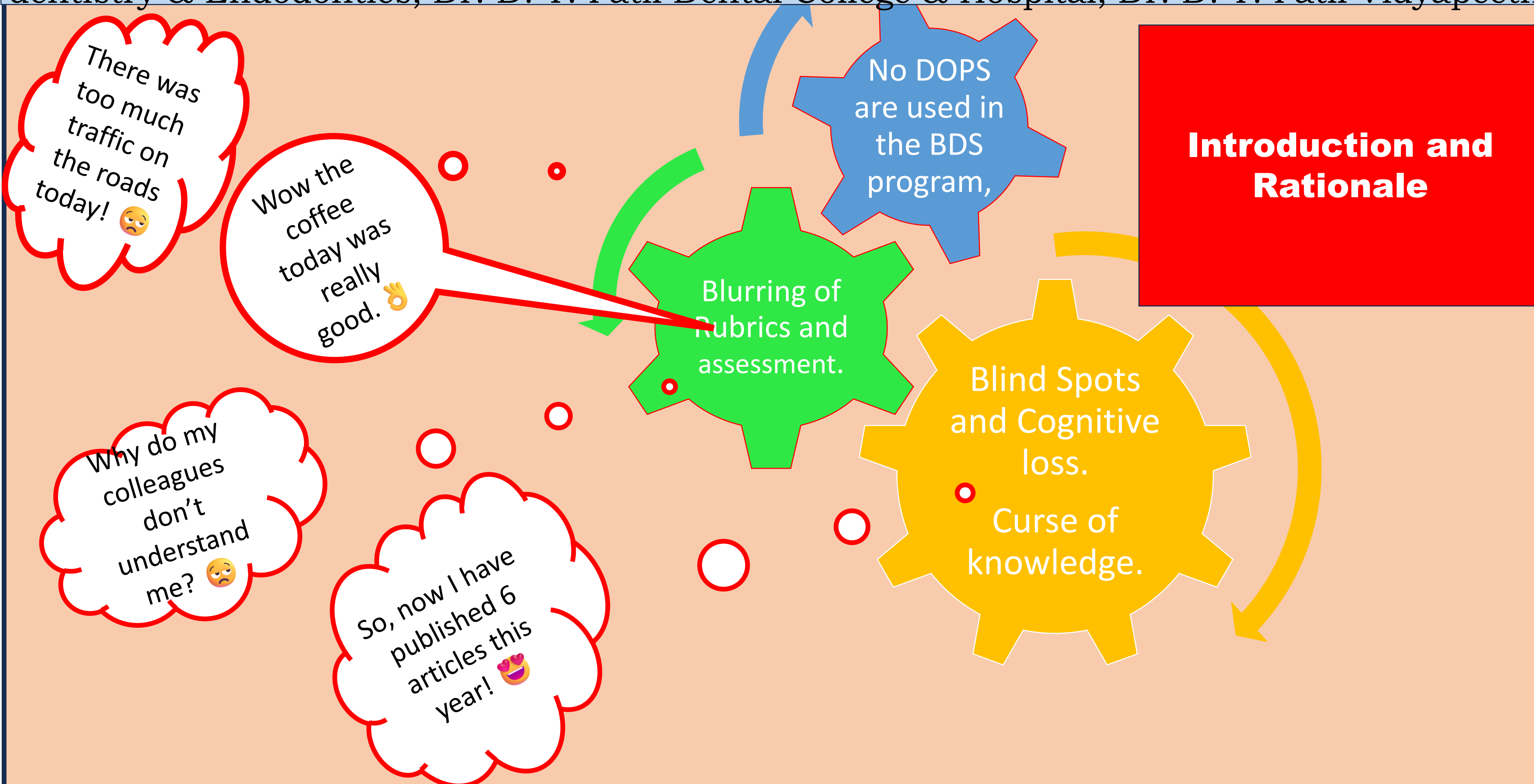


# Leveraging DOPS to Address Gaps in Dental Education: Boosting Student Competence and Faculty Insight



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- ❑ A **DOPS checklist** is widely used in other branches.
- ❑ Use of DOPS checklists enables students to know what they will be evaluated.
- ❑ A measured and **fair assessment** encompassing all aspects of the work done will bolster the clinical skills and ability of the student to comprehend all kinds of clinical situations objectively.
- ❑ Teachers who have amassed several years of experience develop **blind spots** in assessment.
- ❑ To avoid this **"Curse of knowledge"** and better train the students, utilizing DOPS for evaluation of the clinical work done by undergraduate students in the BDS program, could potentially lead to bias-free assessment of a student's clinical work.

## Methodology

### Checklist for DOPS developed

- With peer consensus (n=6)
- Within and outside the institute.

### Checklist shared with:

- All the 3<sup>rd</sup> BDS students.
- 3 staff members with < 10 years experience.
- 2 staff members with > 10 years experience.

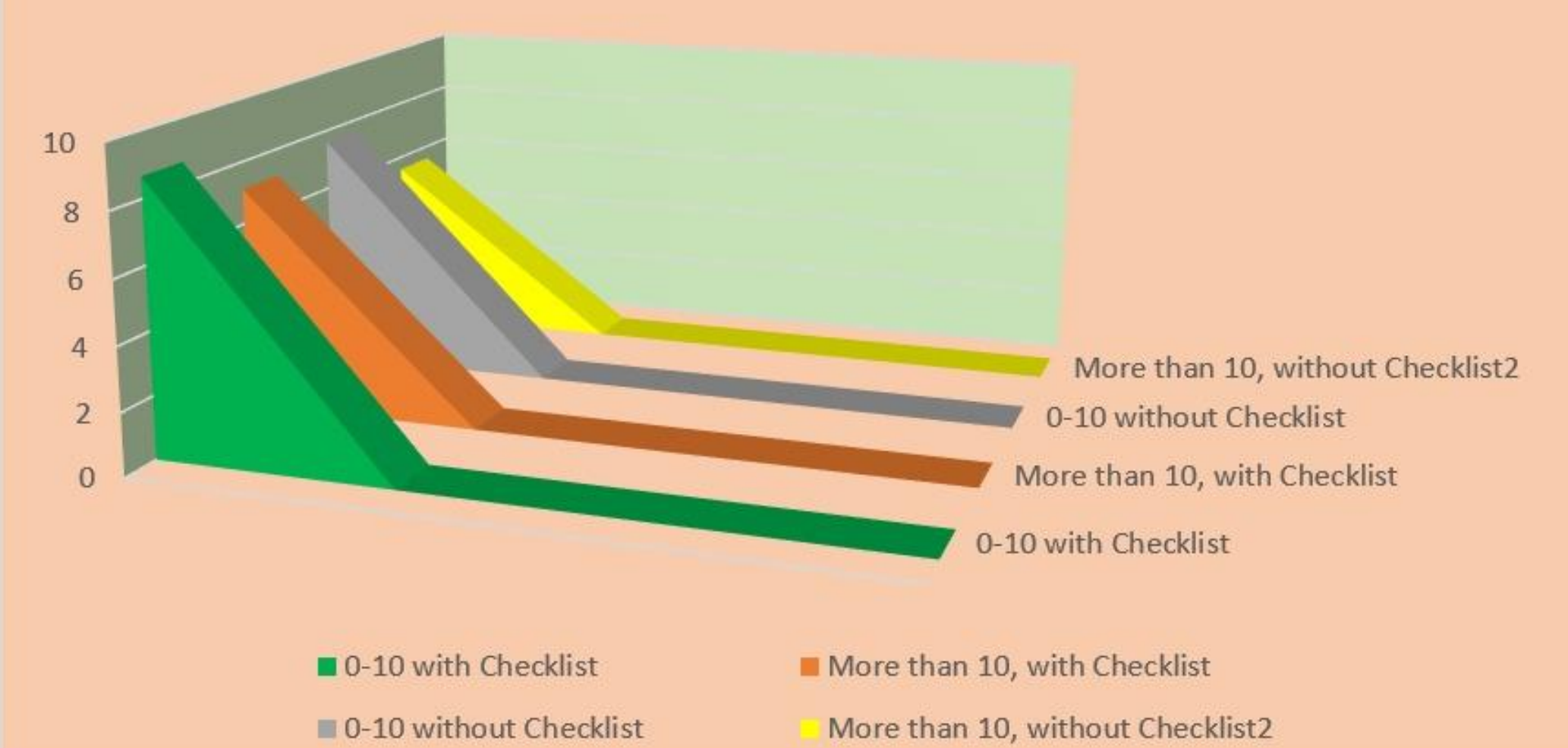


- Evaluators with checklists graded higher. (7.89 vs 6.58)
- Seniors with checklists spent more time with the students.

### Grading done

- 2 sets of scores were recorded for the same patient.
- One with a checklist and one without it.

Average scores given by staff members based on the years of experience.



## Results



### What students said!

- I know all the steps now!
- I can do any type of cavity now!
- I am ready for the next level of difficulty!

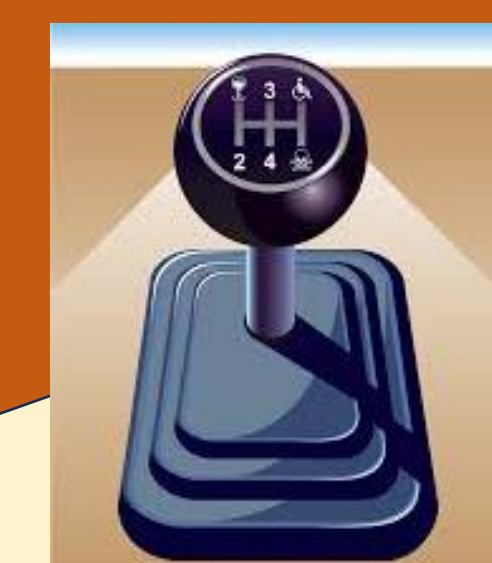
Students understood their strengths and weaknesses.

Observers with > 10 years and no checklists had inconsistent scores.

Without checklists both sets of observers missed the pre and post-op evaluation.

### What teachers said!

- It was like learning to drive a car again, I learnt which gear belongs to what speed category.
- Undergraduate teaching is so satisfying.



## References

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## Conclusions

**A DOPS checklist for all clinical procedures will help to improve the quality of assessment and the clinical outcome of dental graduates.**

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