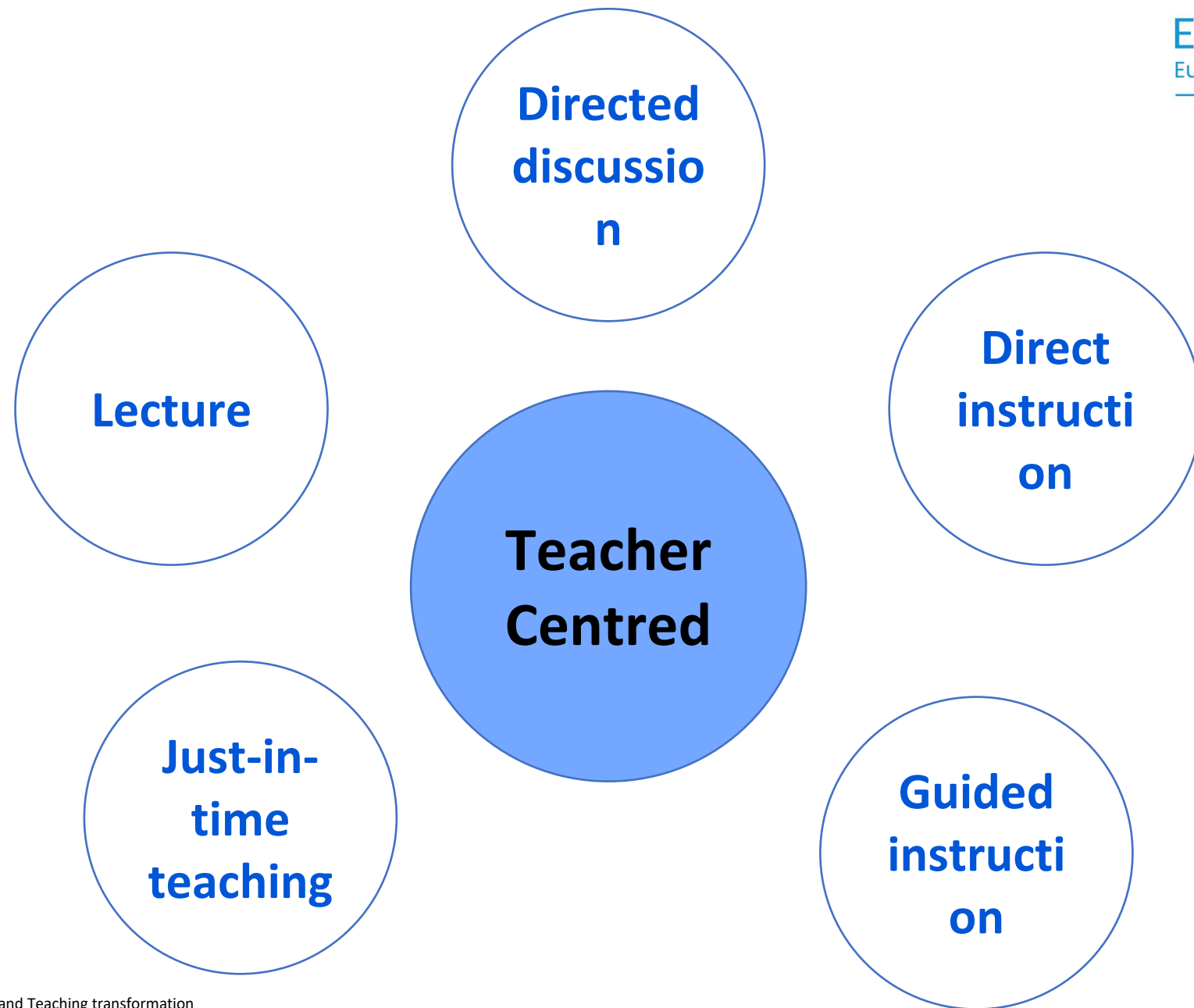


# **Pedagogical models in Osteopathic Education:** *from Dogma to game theory - a practical application*

***Catherine Clair***

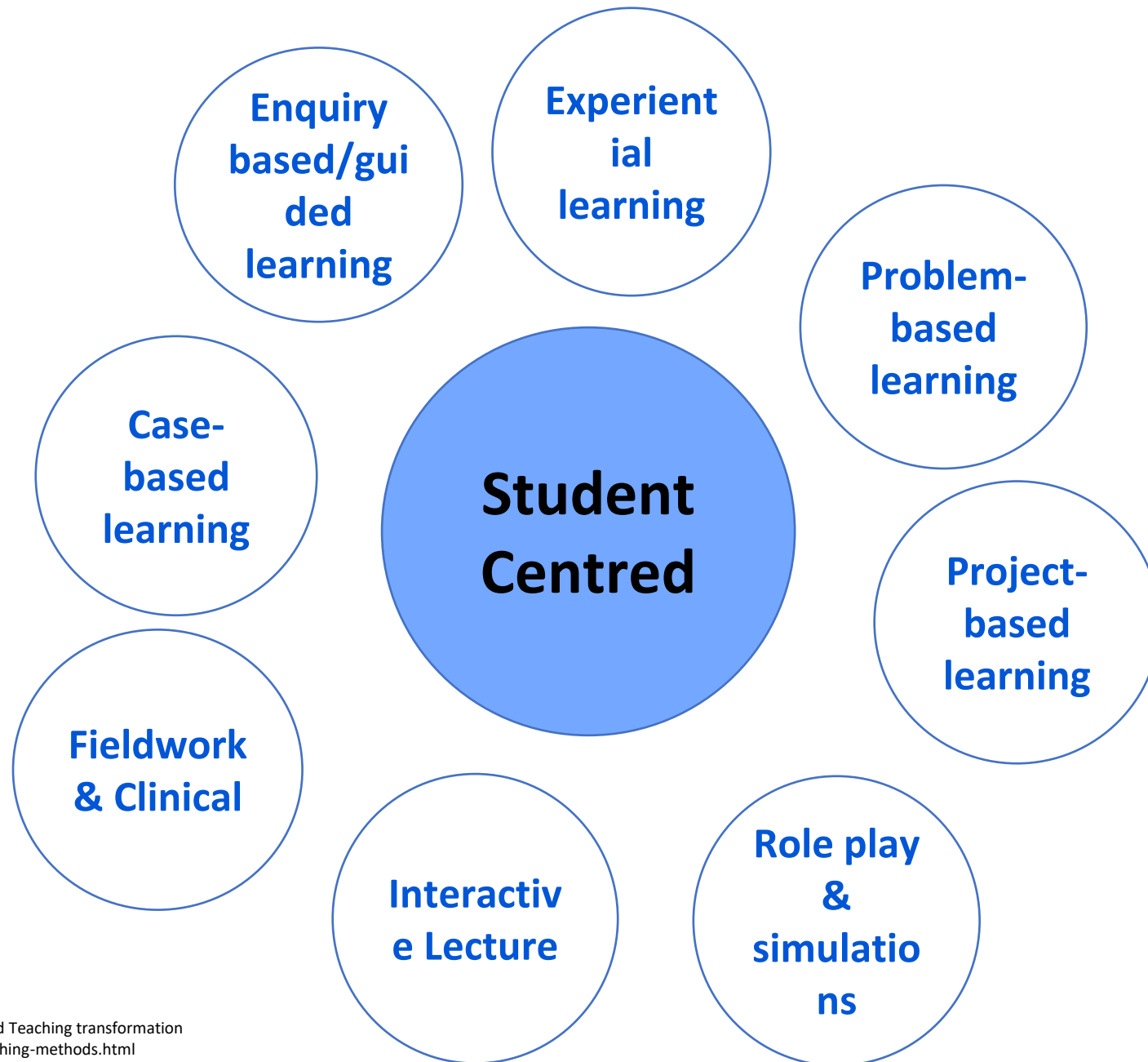
*DO MsC(Ost) PGCertHE*

*BCNO Group - Head of International Programmes*



## Teacher centred

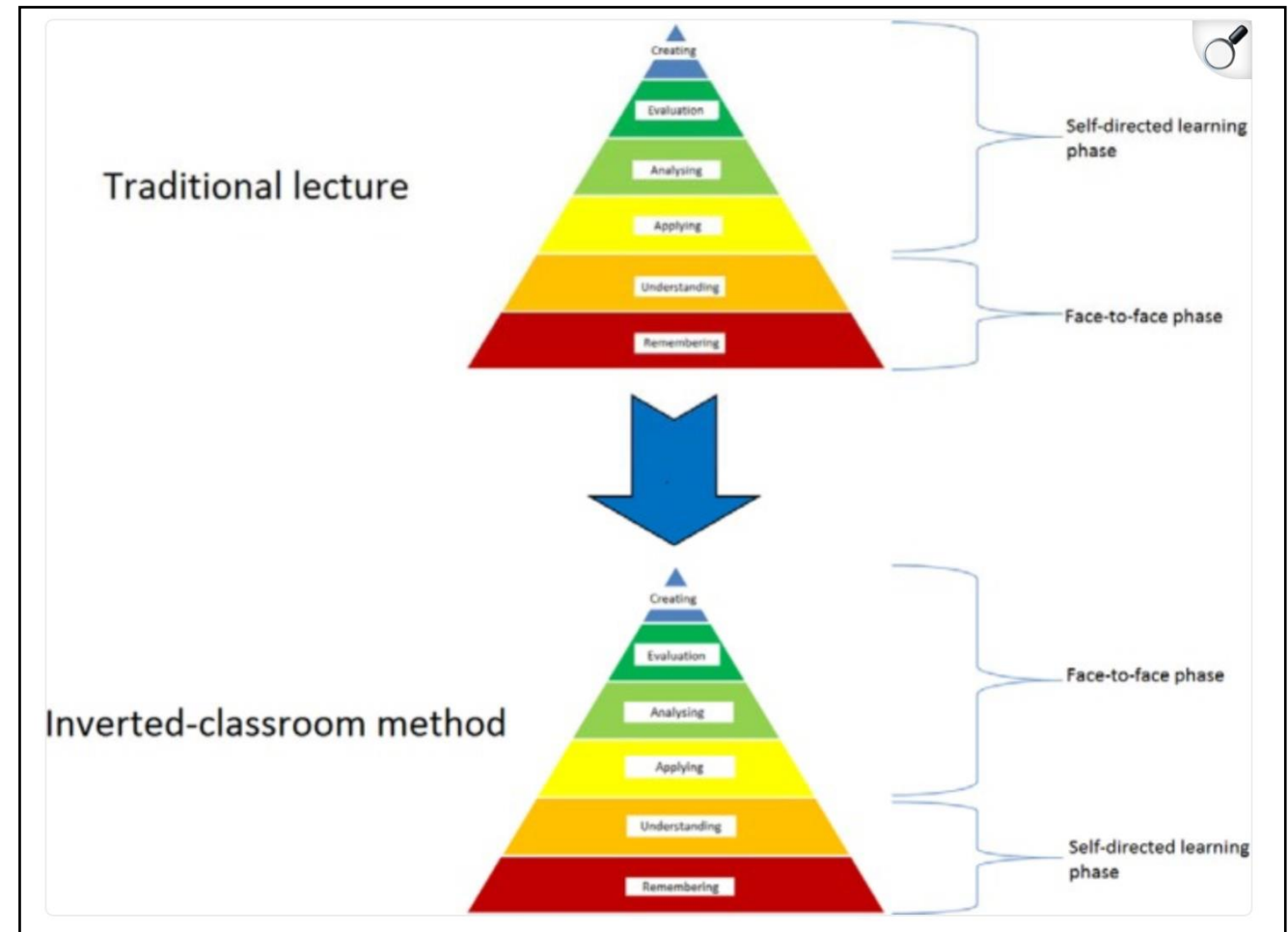
- Lecture format is most common form of teaching used
- Assimilation and analysis of knowledge takes place during self-instruction phase
- Low level of motivation of students



## **Student centred**

- Greater involvement of students
- More exchange of procedures and knowledge
- Costs and availability of technology can be a limit for implementation.

## Example of teacher centred vs student centred



► GMS J Med Educ. 2016 May 17;33(3):Doc46. doi: [10.3205/zma001045](https://doi.org/10.3205/zma001045)

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### An Introduction to the Inverted/Flipped Classroom Model in Education and Advanced Training in Medicine and in the Healthcare Professions

[Daniel Tolks](#)<sup>1,\*</sup>, [Christine Schäfer](#)<sup>2</sup>, [Tobias Raupach](#)<sup>3,4</sup>, [Leona Kruse](#)<sup>5</sup>, [Antonio Sarikas](#)<sup>6</sup>, [Susanne Gerhardt-Szép](#)<sup>7</sup>, [Gertrud Kllauer](#)<sup>8</sup>, [Martin Lemos](#)<sup>9</sup>, [Martin R Fischer](#)<sup>1</sup>, [Barbara Eichner](#)<sup>10</sup>, [Kai Sostmann](#)<sup>11</sup>, [Inga Hege](#)<sup>1,12</sup>

- Osteopathic education is evolving, balancing traditional dogmatic principles with modern, evidence-based methods.
- Game-based or interactive learning offers a promising avenue for enhancing osteopathic education by increasing engagement, improving clinical reasoning, and offering immersive practice scenarios.
- As we move toward more dynamic, adaptable educational models, the integration of both traditional practices and cutting-edge technology will ensure that future osteopaths are well-equipped to meet the challenges of modern healthcare.

Articles

# What do we know about pedagogical models in physical education so far? An umbrella review

Javier Fernandez-Rio  & Damián Iglesias   
Pages 190-205 | Received 07 Jul 2021, Accepted 25 Jan 2022, Published online: 17 Feb 2022  
<https://doi.org/10.1080/17408989.2022.2039615>

 Cite this article



Journal of the American College of Surgeons



Volume 231, Issue 1, July 2020, Pages 140-148



Western surgical association article

## Do One, Do One, Teach One: Altering the Dogma Using Simulation-Based Training to Maximize Efficiency of Surgical Resident Education

Presented at the Western Surgical Association 127th Scientific Session, Las Vegas, NV, November 2019.

Scott W. Schimpke MD <sup>a b</sup>  , Brandon M. Larson BS <sup>b</sup>,  
Benjamin R. Veenstra MD, FACS <sup>b</sup>, Jonathan A. Myers MD, FACS <sup>b</sup>,  
Aleksandra Wojtowicz RN, BSN <sup>a</sup>, Jose M. Velasco MD, FACS <sup>a b</sup>



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Open Access | Research Article

## Understanding Pedagogical Approaches on Student Learning Styles

Chia-Cheng Li<sup>1</sup>, Muath A Aldasari<sup>2</sup>, Sang E Park<sup>3\*</sup>

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<sup>\*</sup>Associate Dean for Dental Education, Office of Dental Education, Harvard School of Dental Medicine, Boston, MA.

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## Professional Learning and Development in Classroom Management for Novice Teachers: A Systematic Review

Review | Published: 27 August 2021

Volume 44, pages 291–307, (2021) [Cite this article](#)



[Education and Treatment of Children](#)

Hirsch, S.E., Randall, K., Bradshaw, C. *et al.* Professional Learning and Development in Classroom Management for Novice Teachers: A Systematic Review. *Educ. Treat. Child.* **44**, 291–307 (2021).

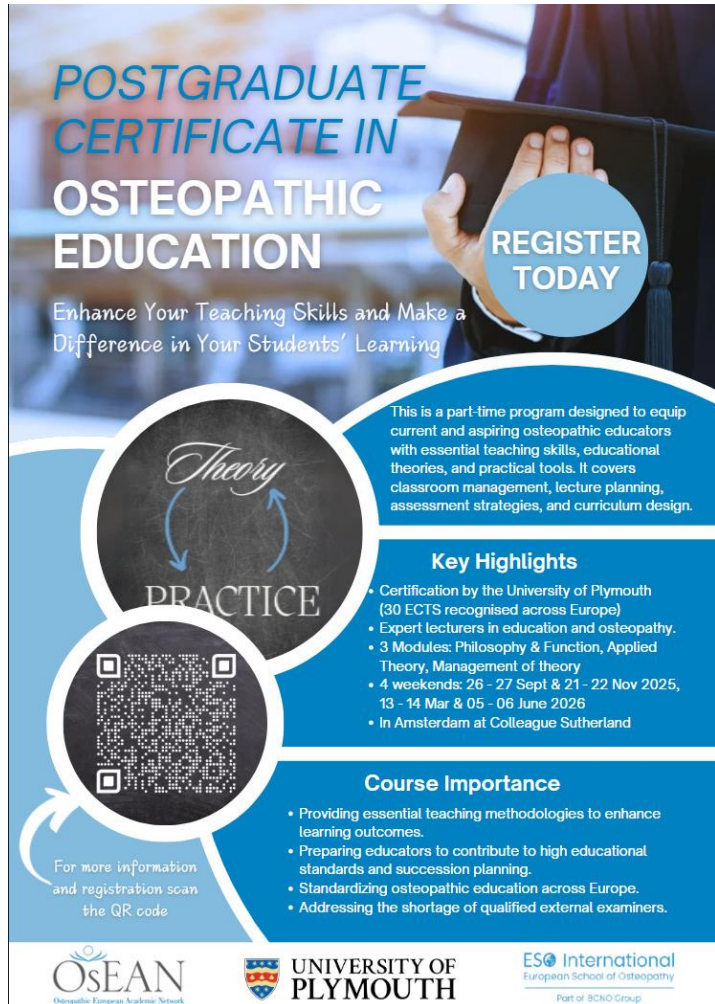
<https://doi.org/10.1007/s43494-021-00042-6>



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# Thank you !

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