



UNIVERSIDADE FEDERAL DO RIO DE JANEIRO

UFRJ





Athens
5-7 October 2023

OBJECTIVES

GENERAL

- To identify the epidemiological profile of injection therapy in Brazil

SPECIFIC

- Disseminate and teach the methods of joint and periarticular injection therapies
- Promote technical improvement to physicians who treat musculoskeletal diseases



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MATERIALS

STUDY DESIGN

Pivotal study involving physicians who work in musculoskeletal specialties.

SAMPLE

Convenience sample of physicians enrolled in the different services where the course was held.

Physicians were submitted to a previous assessment seeking to measure their knowledge and experience regarding the injection therapy technique.

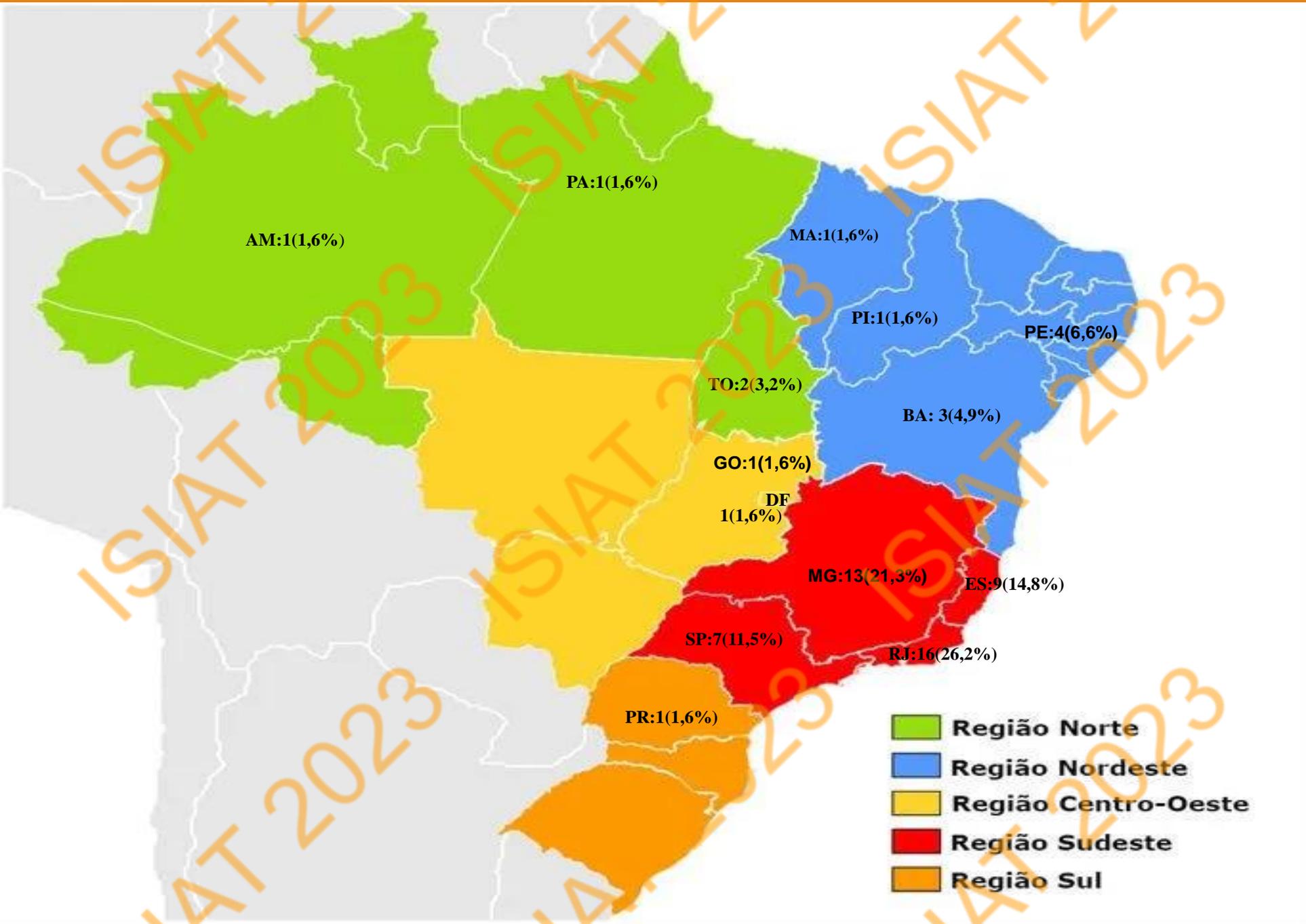


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Questions

- Is injection therapy a widely used method in these services?
- Are injection therapy techniques well used and known by these physicians?
- Inject or not and why?
- Is there a habit of performing a guided or blind injection?
- What is the level of knowledge, of these physicians, of the molecules used in injection therapies?
- Is there an adequate perception of the quality of the results obtained according to the technique applied, the product chosen and the specific characteristics of each case/patient?

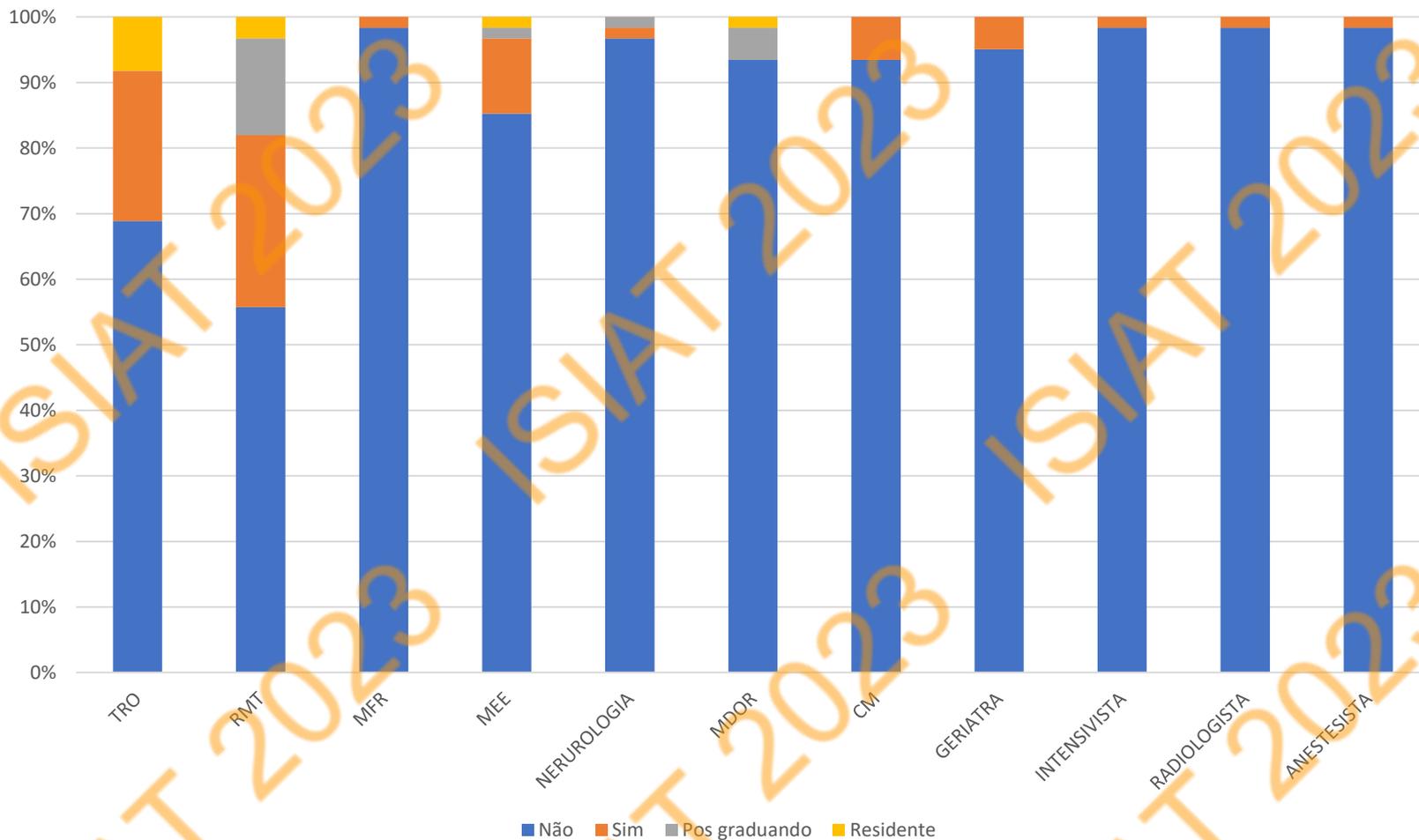
Variable	Category	n	%
Naturalness ;	AM	1	1,6
	BA	3	4,9
	DF	1	1,6
	ES	9	14,8
	GO	1	1,6
	MA	1	1,6
	MG	13	21,3
	PA	1	1,6
	PE	4	6,6
	PI	1	1,6
	PR	1	1,6
	RJ	16	26,2
	SP	7	11,5
	TO	2	3,3
Gender	F	22	36,1
	M	39	63,9
Year of data collection;	2018	15	24,6
	2019	15	24,6
	2020	12	19,7
	2022	19	31,1
Graduation - UF	AM	1	1,6
	BA	3	4,9
	DF	1	1,6
	ES	8	13,1
	MA	1	1,6
	MG	11	18,0
	PA	1	1,6
	PE	4	6,6
	PI	1	1,6
	PR	1	1,6
	RJ	20	32,8
	SC	1	1,6
	SP	6	9,8
	TO	2	3,3
Residence ?	NO	25	41,0
	YES	36	59,0
Situation	ATTENDING	9	25,0
	FORMED	27	75,0
Póstgraduation?	NO	23	37,7
	YES	38	62,3
Situation	ATTENDING	15	39,5
	FORMED	23	60,5





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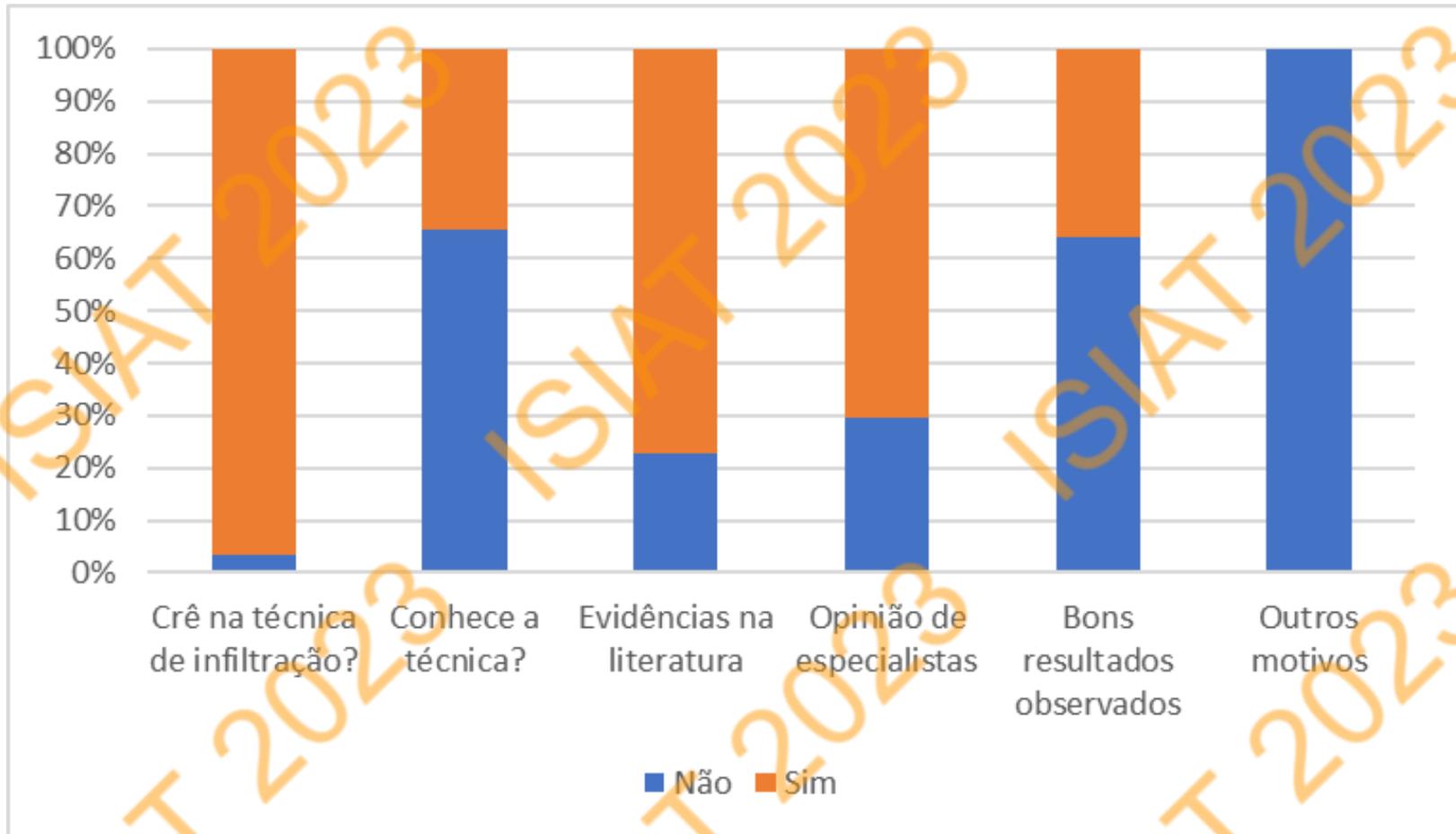
Specialty





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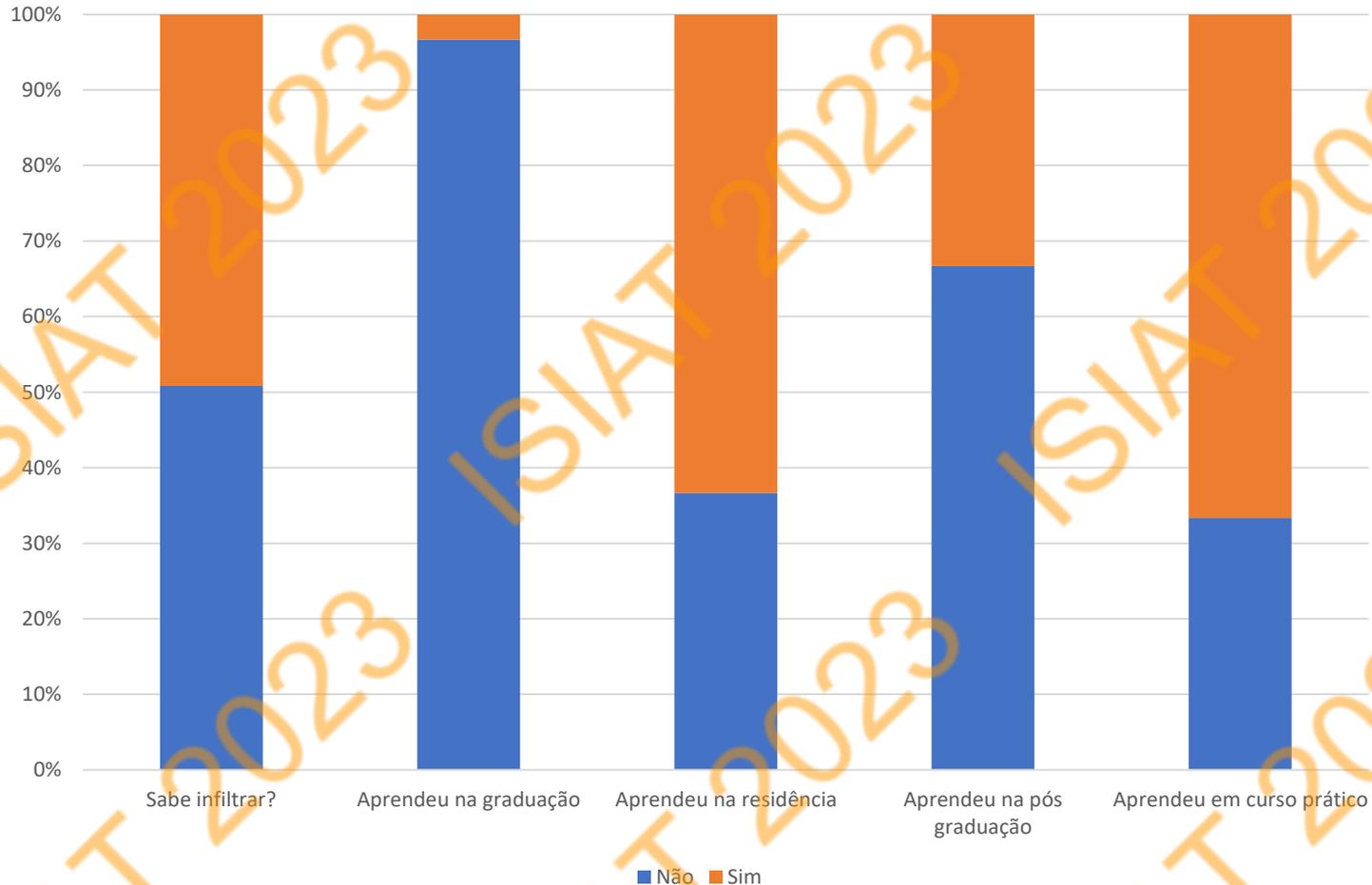
Technical knowledge





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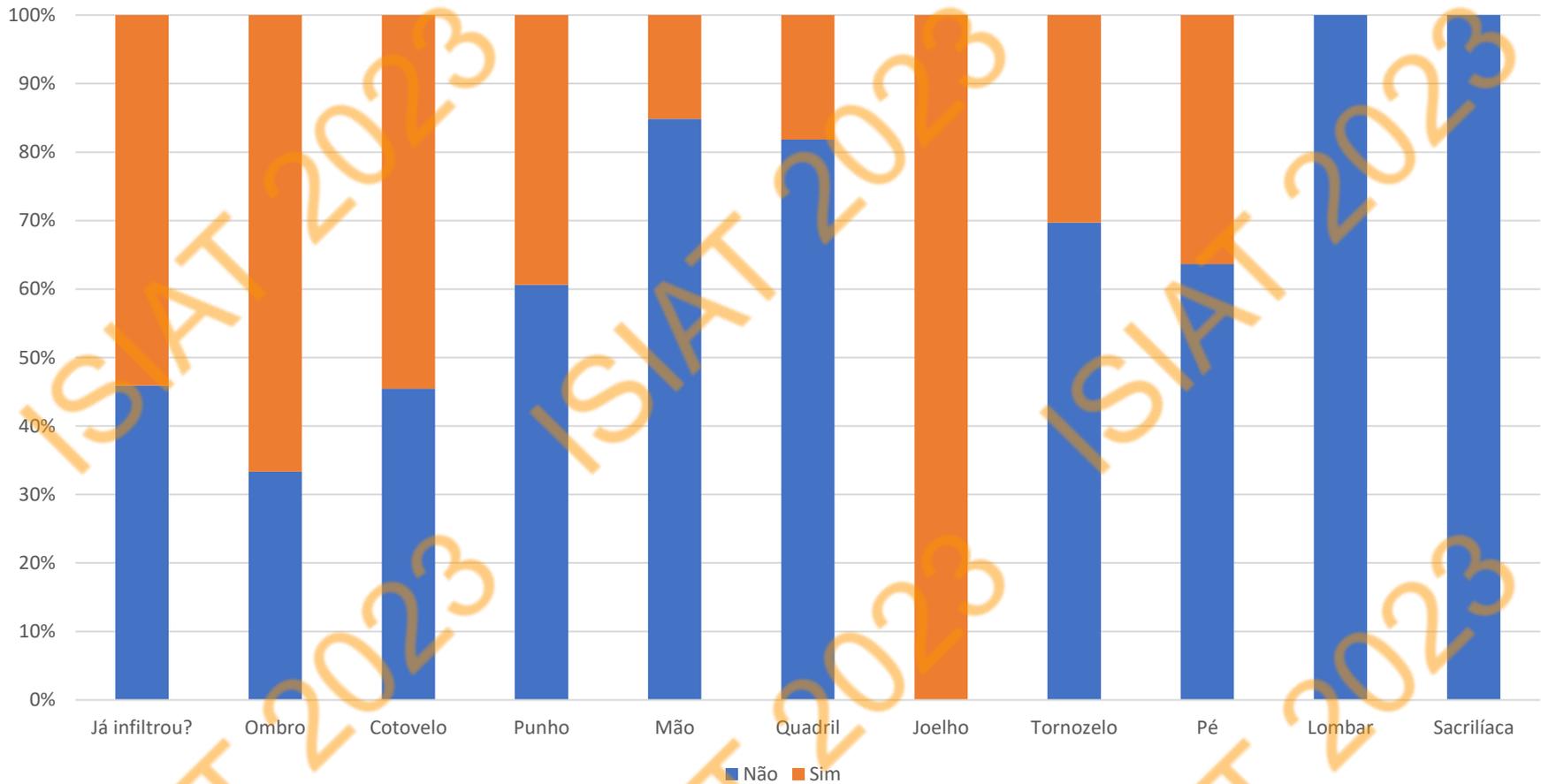
Know how to injects and where learn?





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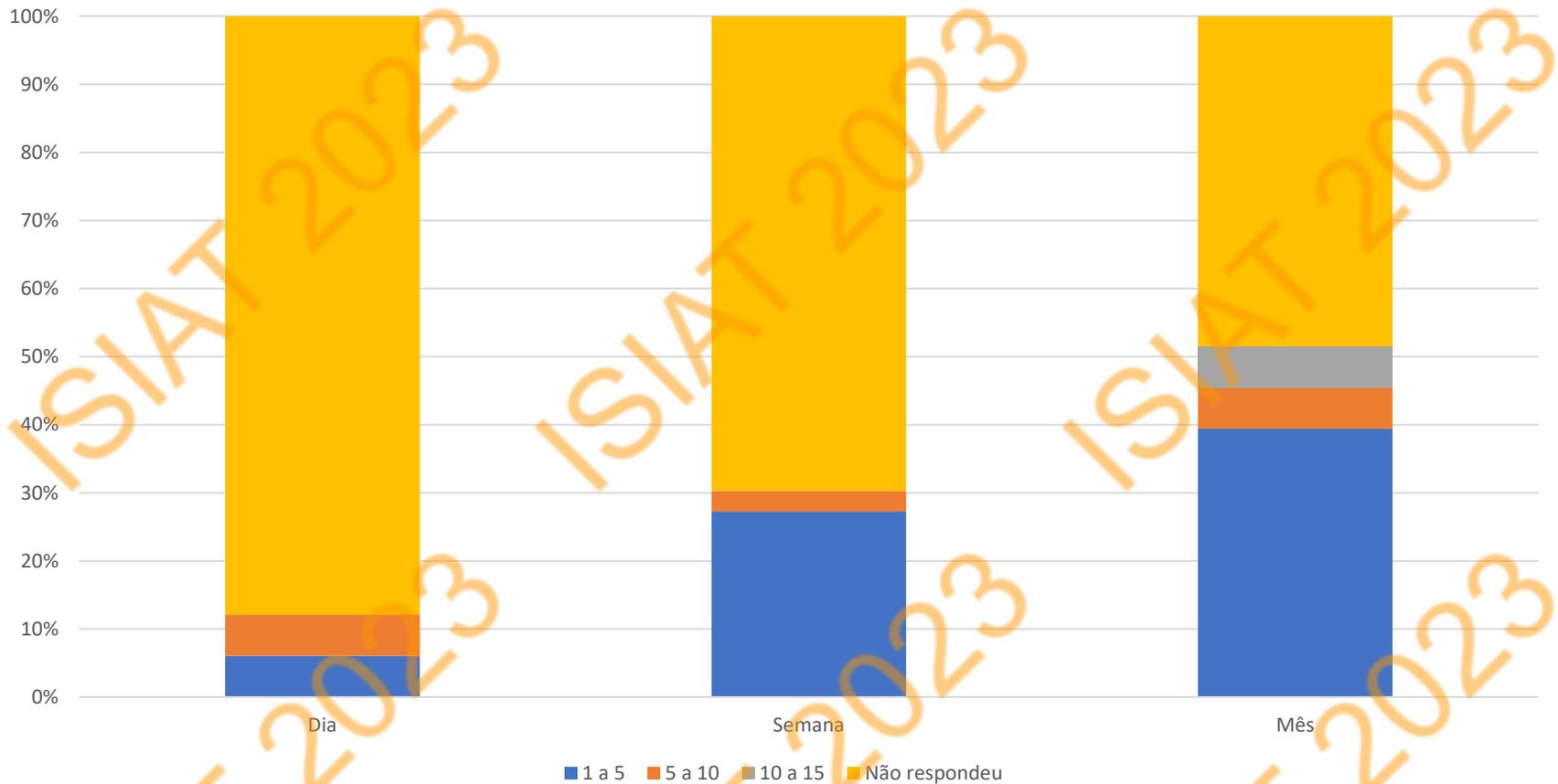
Already inject and what joints?





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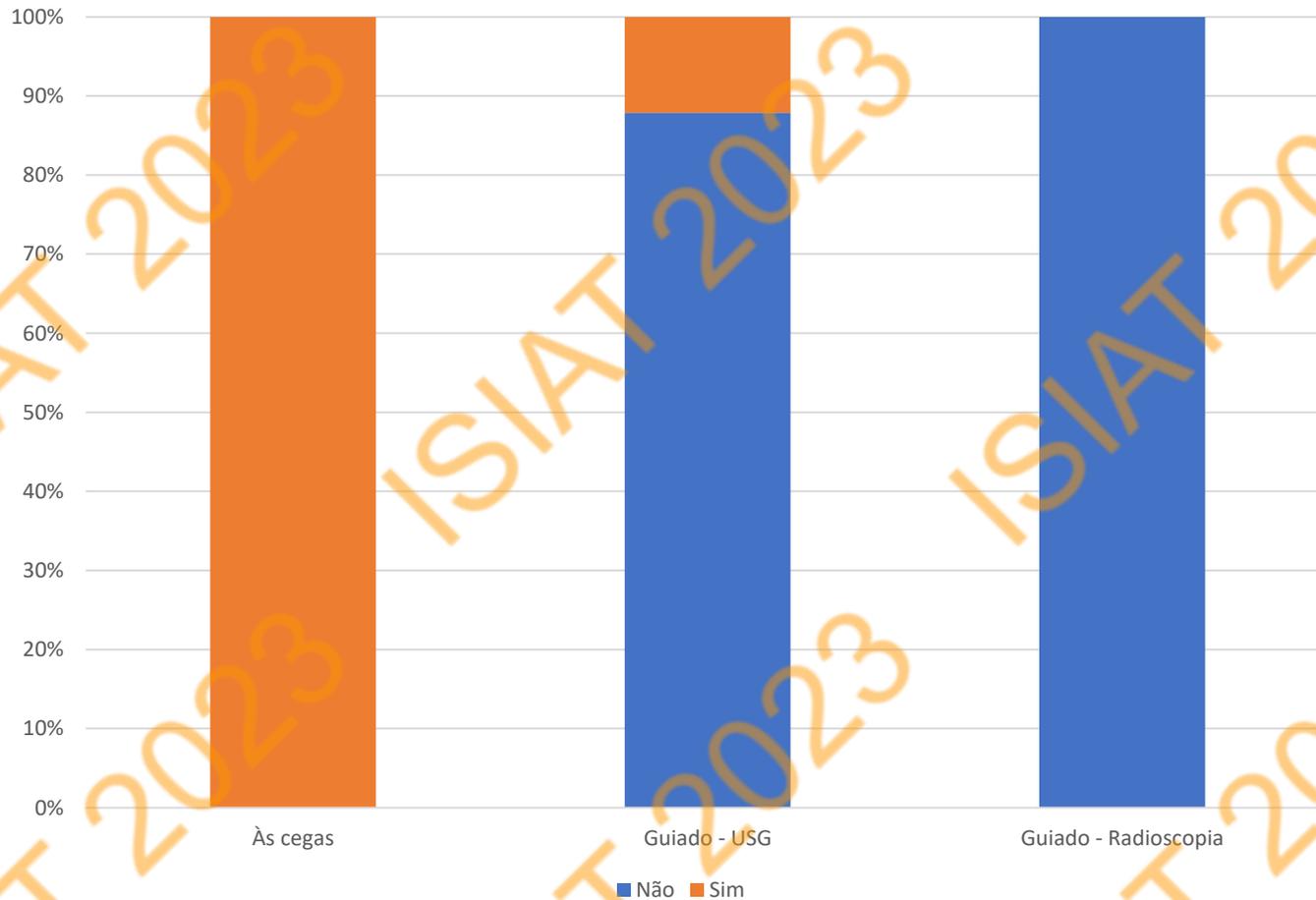
"N" of injections: day, week and month.





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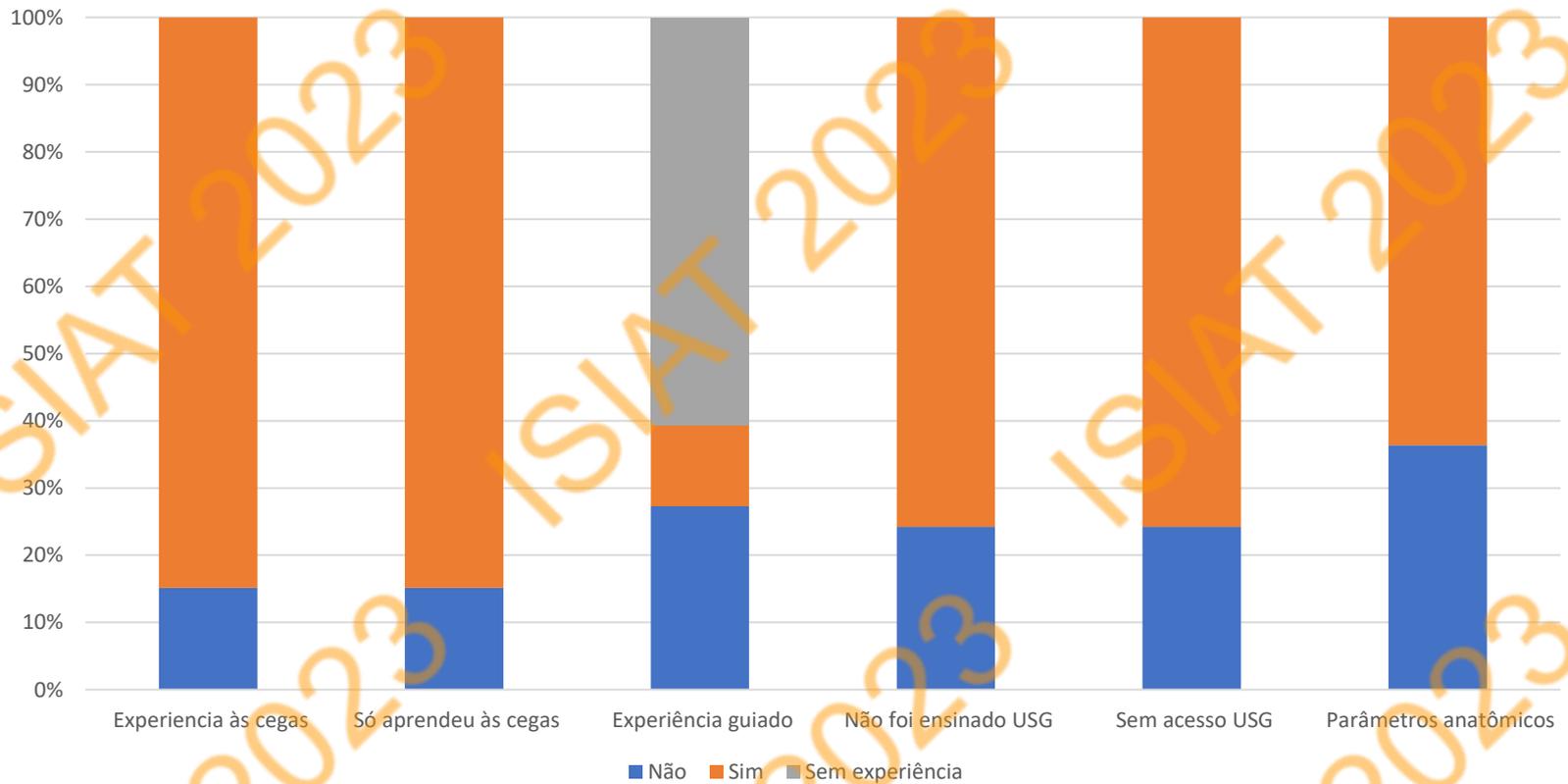
Injection technique





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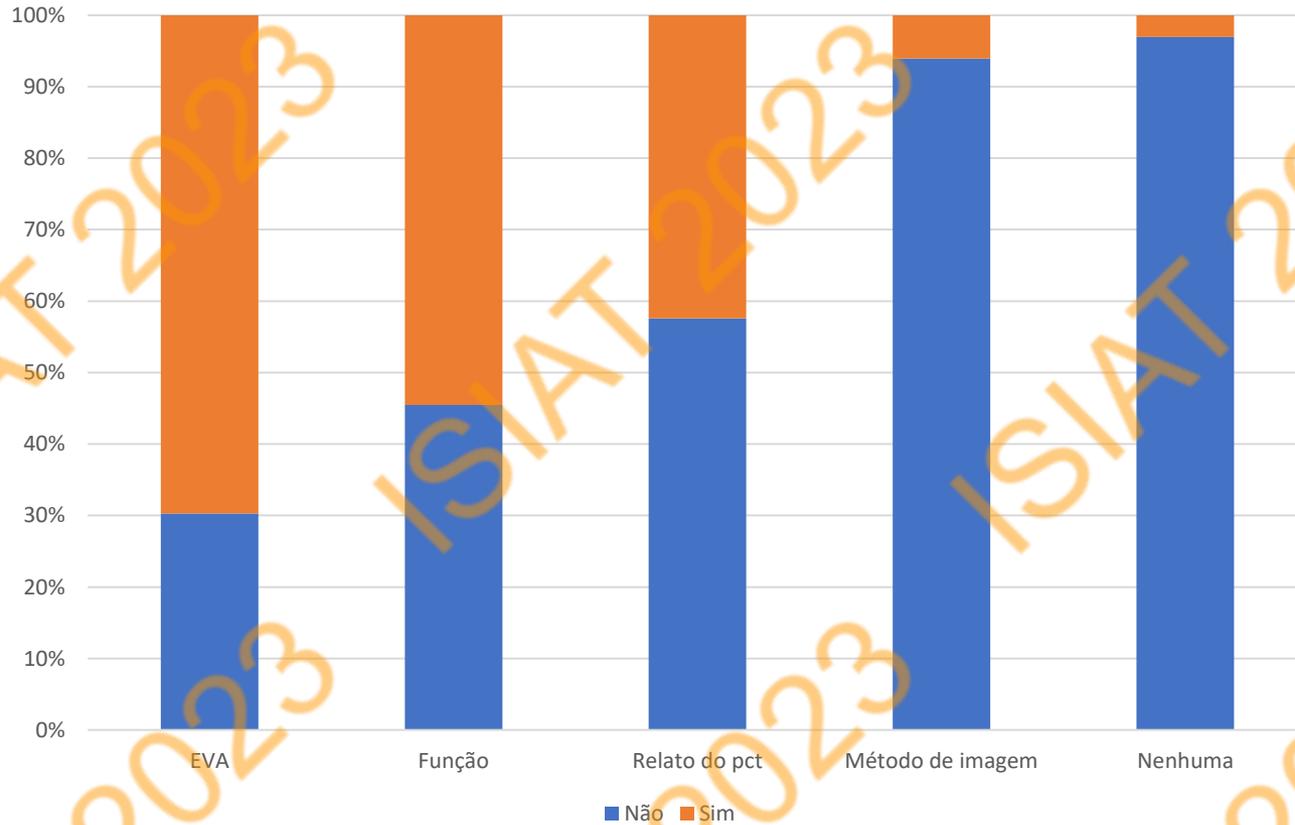
Reason for choosing





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Metric used





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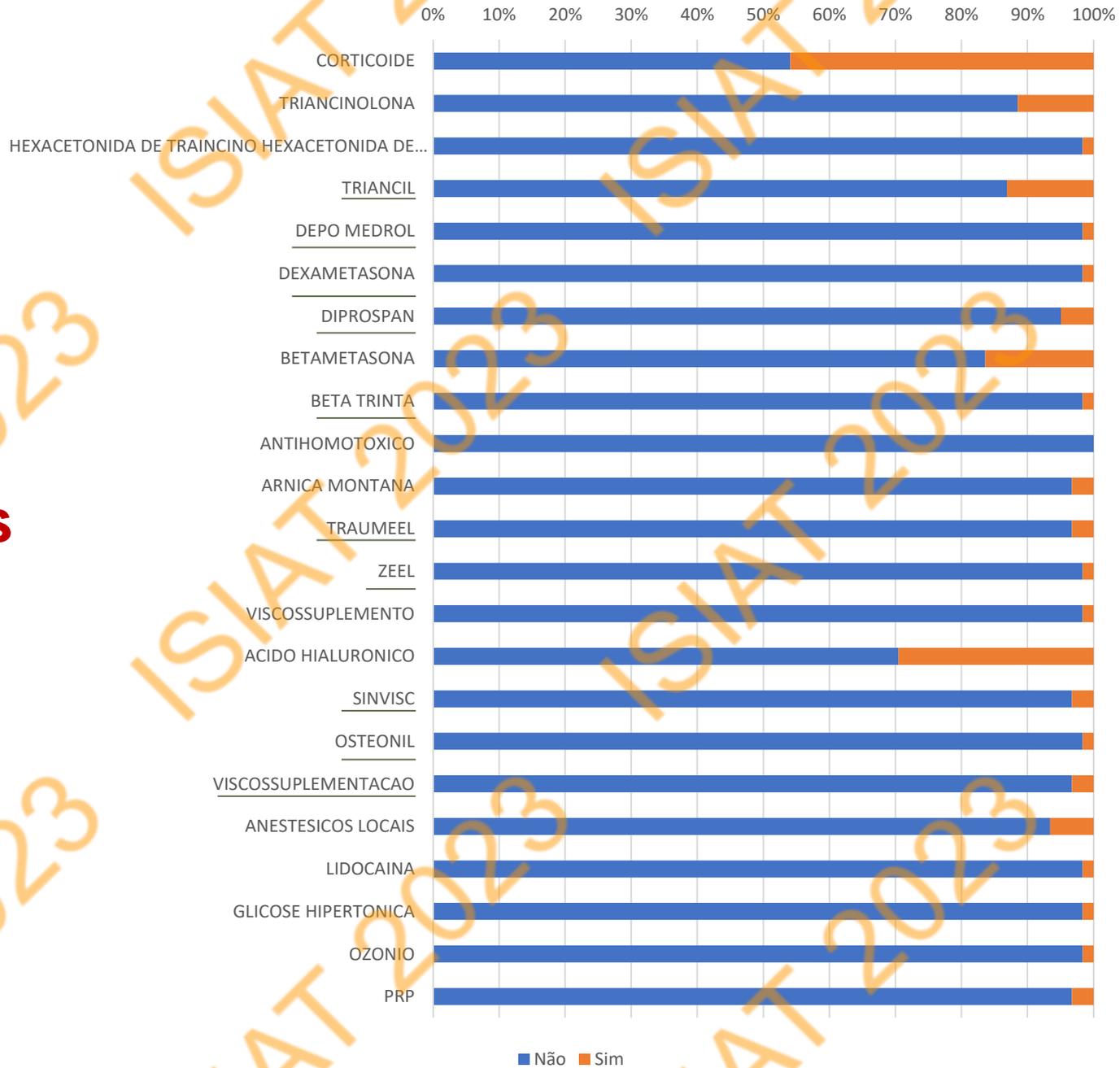
Knowledge of drugs





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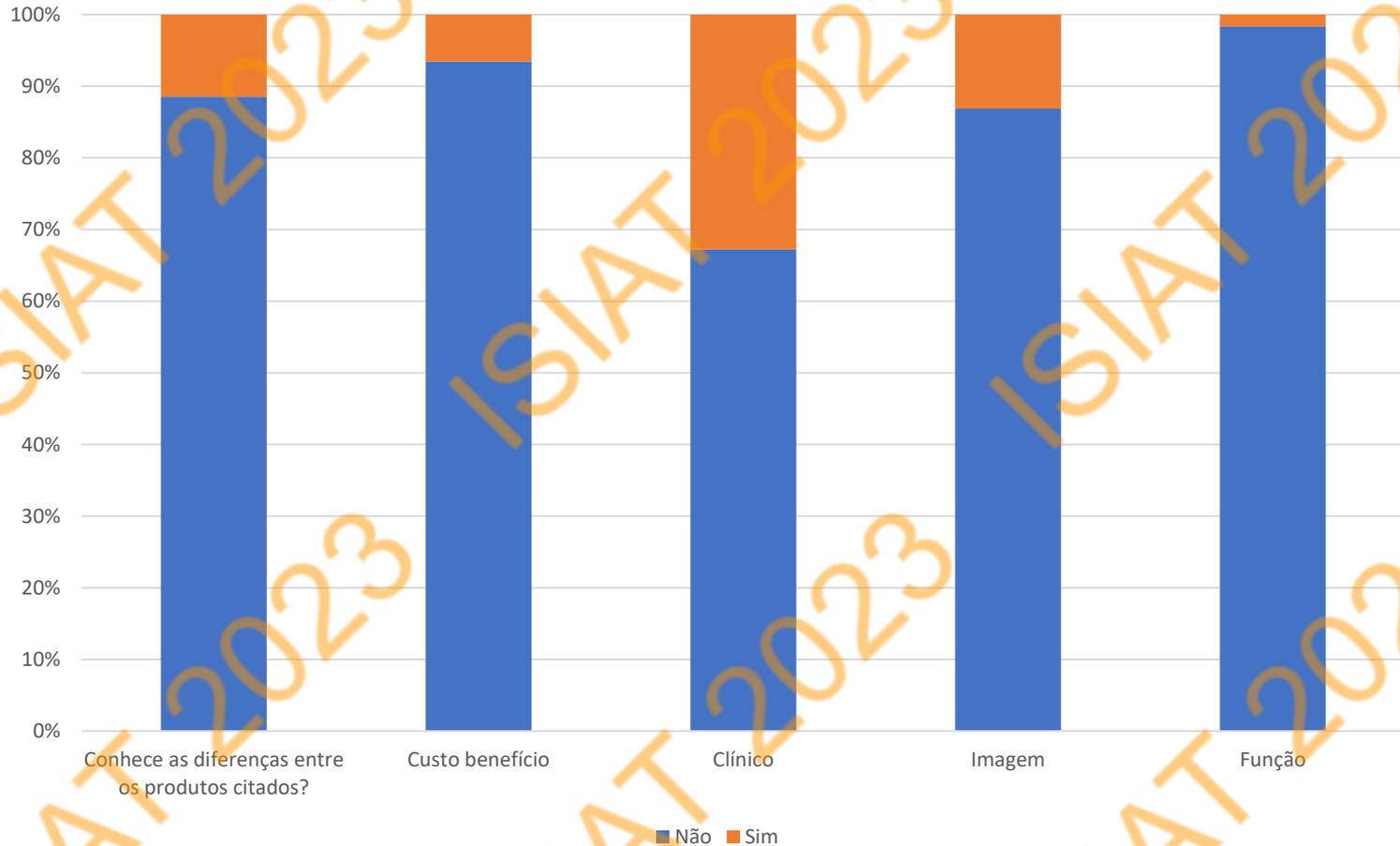
Use of drugs





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Knowledge of differences between drugs and selection criteria?





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Highlights

- Evaluated between 2018 – 2020 and 2022, except during 2021.
- In 14 states of the federation, in the regions: North [4(6.4%)] ; Northeast [9(14.7%)]; Midwest [2(3.2%)]; Southeast [45(73.8%)] and South [1(1.6%)].
- Women [22(36.1%)] and Men [39(63.9%)].
- Medical Residence: yes [36(59%)]; no [25(41%)].
- Attending medical residency: [9(25%)].
- Trained physicians: [27(75%)].
- Postgraduate: yes [38(62,3%)]; no [23(37,7%)].
attending [15(39,5%)]; graduated [23(60,5%)]
- There are 11 different medical specialties in the musculoskeletal area



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Conclusion

This is a pivotal study that showed the reality of injection treatment in our country.

This study restarted in 2023, however these data will still be open and studied

The study revealed a lack of knowledge of injection techniques and molecules used

There is a need to disseminate this information, as well as provide training



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Our Actions

- Brazil is a continental country and our strategy was to disseminate and unite.
- We tried to write the **Brazilian Consensus on Viscosupplementation – COBRAVI**: knee – hip – TMJ and shoulder (in publishing)
- Since the creation of ABETI, our event, **BRASIT** has only been held in Rio de Janeiro - Southeast
- We took the 4th BRASIT to the Northeast, Salvador – Bahia. [9(14.7%)] - *second biggest public.*
- We started itinerant courses in different states of the country - **workshop model**
- As I said we're collecting new data
- We made contact with the Brazilian societies of musculoskeletal specialties informing about this situation and proposing actions
- In our service at UFRJ, in January 24, we will start the first training course in injection and regenerative therapies, with a duration of seven months and monthly modules.



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Paraguay - Diego Esquivel

Peru - David Torres; Gilhermo Zvietcovith

Uruguay - Juan Del Castillo

See you in Rio!

COSUTI
CONGRESO SUDAMERICANO DE
TRATAMIENTOS INYECTABLES

BRASIT
4º BRAZILIAN SYMPOSIUM ON
INJECTION TREATMENTS
RIO DE JANEIRO | 2024

REALIZAÇÃO

ASUETI
Asociación Sudamericana para el Estudio
de Tratamientos Intrarticulares

VISCO SUR

ORGANIZAÇÃO

Regency
Congressos & Eventos

SAVE THE DATE
26 a 28
setembro
2024
RIO DE JANEIRO

Thank you!

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