	Leraut et al.,	Mouarbes et	Singleton et	Giraud et	Rouvière et			ွ
	2022 [13]	al., 2022 [12]	al., 2022 [11]	al., 2022 [10]	al., 2022 [9]			<del>p</del>
	Yes	Yes	Yes	Yes	Yes	P1. Are there clear research questions?	QL PR	leme
	Yes	Yes	Yes	Yes	Yes	P2. Do the data collected answer the research questions?	QUESTIONS	Supplementary File 4: Risk of bias, detailed table
	BMI Dub	Yes			Yes	Are the participants representative of the target population?	NOI	4: Risk
Supplemental material	BMJ Puc	placed on this supp	(BMJ) disclaims all lia plemental material which	h has been supplied by	the author(s)	Are the measurements	두	Eur J Hosp Pharm
		Yes			Yes	appropriate regarding both the outcome and intervention (or exposure)?	ANDOMISI	bias, du
		Yes			Yes	Are the data on effects (outcomes) complete?	NON-RANDOMISED QUANTITATIVE	et <i>ailec</i>
		Yes			Yes	Are the confounders accounted for in the design and analysis?		l table
		Yes			Yes	During the study period did the intervention (or did the exposure) take place as planned?	STUDIES	
						Is the sampling strategy relevant to address the research question?	DESCRIPTIVE	
						Is the sample representative of the target population?	TIVE QL	
						Are the measurements appropriate?	QUANTITATIVE	
						Is the risk of non-response bias low?	TIVE S	
						Is the statistical analysis appropriate to answer the research question?	nswer the	
	Yes		Yes	Yes		Is there an adequate rationale for using a mixed methods design to address the research question?		
	Yes		Yes	Yes		Are the different components of the study effectively integrated to answer the research question?	STUDIES	
	Yes		Can' t tell	Yes	Pitard M, e	Are the outputs of the alinflegration of gualitative and out quantitative components adequately interpreted?	0–1≦5.	doi: 10.1136/ejhpharm-2024-004098
	Can' t tell		Can' t tell	Can' t tell		Are divergences and inconsistencies between quantitative and qualitative results adequately addressed?	TH MIXED METHODS	
17	Yes		Yes	Yes		Do the different components of the study adhere to the quality criteria of each tradition of the methods involved?		

	Tsang et al., 2019 [18]	Alhomoud, 2020 [17]	Gidey et al., 2020 [16]	Barbariol et al., 2021 [15]	Mohammed et al., 2021 [14]			
	Yes	Yes	Yes	Yes	Yes	P1. Are there clear research questions?	PRI QI	
	Yes	Yes	Yes	Yes	Yes	P2. Do the data collected answer the research questions?	PRELIMINARY QUESTIONS	
	Yes	toup Limited (BMJ) die	claims all liability and	Yes	from any reliance	Are the participants representative of the target population?	NON	
Supplemental material	Yes	on this supplemental	naterial which has bee	n supplied by the autho	r(s)	Are the measurements appropriate regarding both the outcome and intervention (or exposure)?	NON-RANDOMISED QUANTITATIVE	Eur J Hosp Pharm
	Can' t tell			Can't tell		Are the data on effects (outcomes) complete?	ED QUA	
	Yes			Yes		Are the confounders accounted for in the design and analysis?	NTITATIVE	
	Yes			Yes		During the study period did the intervention (or did the exposure) take place as planned?	STUDIES	
		Yes	Yes		Yes	Is the sampling strategy relevant to address the research question?	DESCRIPTIVE	
		Yes	Yes		Yes	Is the sample representative of the target population?	TIVE QU	
		Yes	Yes		Yes	Are the measurements appropriate?	JANTIT,	
		Can' t tell	Can't tell		Can't tell	Is the risk of non-response bias low?	QUANTITATIVE STUDIES	
		Yes	Yes		Yes	Is the statistical analysis appropriate to answer the research question?	TUDIES	
						Is there an adequate rationale for using a mixed methods design to address the research question?		
						Are the different components of the study effectively integrated to answer the research question?	STUDIES	
					Pitard M, et al. Eur .	Are the outputs of the / Hintegration ଫିମ୍ବୁଆଗାଧିଶାହିତ ଅନିଷ୍ପ do quantitative components adequately interpreted?		136/ejhpharm-2024-004098
						Are divergences and inconsistencies between quantitative and qualitative results adequately addressed?	WITH MIXED METHODS	
2						Do the different components of the study adhere to the quality criteria of each tradition of the methods involved?		

	Al-Shareef et al., 2016 [23]	Furukawa et al., 2016 [22]	Abbasi et al., 2017 [21]	Bekker et al., 2018 [20]	Lin et al., 2018 [19]			
	Yes	Yes	Yes	Yes	Yes	P1. Are there clear research questions?	PRE QL	
	Yes	Yes	Yes	Yes	Yes	P2. Do the data collected answer the research questions?	PRELIMINARY QUESTIONS	
	BMJ Publishing G	Yes	Yes	responsibility arising	Yes	Are the participants representative of the target population?	NON	
Supplemental material	pläcec	l on this supplemental	Plains all Jiability and material which has bee	n supplied by the autho	Yes	Are the measurements appropriate regarding both the outcome and intervention (or exposure)?	NON-RANDOMISED QUANTITATIVE	Eur J Hosp Pharm
		Can' t tell	Can' t tell		Yes	Are the data on effects (outcomes) complete?	ED QUA	
		Can't tell	Yes		Can't tell	Are the confounders accounted for in the design and analysis?	NTITATIVE	
		Yes	Yes		Yes	During the study period did the intervention (or did the exposure) take place as planned?	STUDIES	
	Yes					Is the sampling strategy relevant to address the research question?	DESCRIPTIVE	
	Yes					Is the sample representative of the target population?	TIVE QU	
	Yes					Are the measurements appropriate?	QUANTITATIVE	
	Can' t tell					Is the risk of non-response bias low?		
	Yes					Is the statistical analysis appropriate to answer the research question?	STUDIES	
				Yes		Is there an adequate rationale for using a mixed methods design to address the research question?		
				Yes		Are the different components of the study effectively integrated to answer the research question?	STUDIES	
				Can' t tell	Pitard M, et al. Eur	Are the outputs of the  / Hinteglitation ইপিইটারীরিটাছি Hinteglitation ইপিইটারীরিটাছি Hinteglitation components adequately interpreted?	S MATH MIXED METHODS	136/ejhpharm-2024-004098
<i>7</i> 13				Can' t tell		Are divergences and inconsistencies between quantitative and qualitative results adequately addressed?	METHODS	
ω				Yes		Do the different components of the study adhere to the quality criteria of each tradition of the methods involved?		

	Toerper et	Mosquera et			
	al., 2014 [25]	al., 2014 [24]			
	Yes	Yes	P1. Are there clear research questions?	PRE QU	
	Yes	Yes	P2. Do the data collected answer the research questions?	PRELIMINARY QUESTIONS	
BMI Publishing Group Limited (BMI) disclaims all liability a	Yes	Yes	Are the participants representative of the target population?	NON	
Supplemental material  BMJ Publishing Group Limited (BMJ) disclaims all liability a placed on this supplemental material which has b	en supplied by the author	Yes	Are the measurements appropriate regarding both the outcome and intervention (or exposure)?	NON-RANDOMISED QUANTITATIVE STUDIES	Eur J Hosp Pharm
	Yes	Can' t tell	Are the data on effects (outcomes) complete?	ED QUA	
	No	Can't tell	Are the confounders accounted for in the design and analysis?	NTITATIVE	
	Yes	Yes	During the study period did the intervention (or did the exposure) take place as planned?	STUDIES	
			Is the sampling strategy relevant to address the research question?	DESCRIPTIVE QUANTITATIVE STUDIES	
			Is the sample representative of the target population?	TIVE Q	
			Are the measurements appropriate?	UANTIT	
			Is the risk of non-response bias low?	ATIVE S	
			Is the statistical analysis appropriate to answer the research question?	TUDIES	
			Is there an adequate rationale for using a mixed methods design to address the research question?		
			Are the different components of the study effectively integrated to answer the research question?	STUDIES	
		Pitard M at al Form	Are the outputs of the / Hintegration 393 Table 14 And do		136/ejhpharm-2024-004098
		naturi, et ut. Eur	quantitative components adequately interpreted?	TH MIXED	2027-004020
			Are divergences and inconsistencies between quantitative and qualitative results adequately addressed?	WATH MIXED METHODS	
4			Do the different components of the study adhere to the quality criteria of each tradition of the methods involved?		