

Optimizing data quality to evaluate treatment recommendations: multidisciplinary file reviews in GFA- NEPHRO 2020 study

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INTRODUCTION

The GFAOP has demonstrated its ability to carry out multicenter studies in the management of nephroblastoma using a protocol derived from SIOP 2001. The third study (GFA NEPHRO 2020) launched in 2020, aims to demonstrate that survival of standard risk patients with unilateral nephroblastoma can be improved with the correct application of these new therapeutic recommendations. Special attention is paid to the capacity of POU to adhere to these recommendations including drug administration, supportive care, abandonment, lost to follow-up, communication between oncologists, surgeons, pathologists, and the quality of data registered.

METHODS

All cases are initially entered in the hospital base registry (HBR) and then in the study.
A file review meeting is organized after a minimum of 10 cases registered.
Participants were: local pediatric oncologist, surgeons, pathologists, nephroblastoma expert committee (surgeon, pediatric oncologist).
They discuss the patient care and protocol adhesion.
Objectives are to monitor and validate data.

RESULTS

Table 1. The distribution of nephroblastoma cases per year. Highest recruitment is in Dakar

RECOS	GFA NEPHRO		
	2022	2023	2024
Total réunions de revue	6	14	1
Centre			
Abidjan	2	5	1
Antananarivo	1	1	
Bamako	0	0	
Conakry	0	0	
Dakar	0	2	
Kinshasa	0	1	
Lubumbashi	1	1	
Ouagadougou	2	4	
Total réunions de revue			21

Figure 1. Review was highest for Abidjan and Ouaga in 2023.

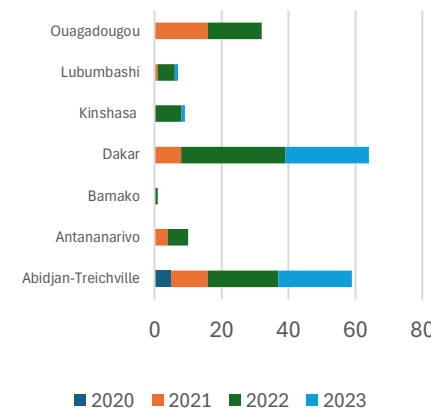


Table 2.

78 files were reviewed and validated (43% of all patients)
14 review meetings during 2023
Review time 2 hours per session on average

RECOS	GFA NEPHRO		
	Inclusions	Files reviewed	% of files reviewed
Total*	181	78	43%
Centers			
Abidjan	58	31	53%
Antananarivo	10	6	60%
Bamako	1	0	-
Conakry	0	0	0
Dakar	64	10	16%
Kinshasa	9	8	89%
Lubumbashi	7	6	86%
Ouagadougou	32	17	53%
Review meetings in 2024			1
Review meetings in 2023			14
Review meetings in 2022			6
All reviews			21

CONCLUSION: The impact of regular meetings, with timely validation of files encouraging discussion on patient care and underlining the need for the multidisciplinary teams to be fully involved in improving data quality, will be evaluated with the analysis of the study.



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