Table S1. The relationship among symptoms associated with headache and the potentially dangerous conditions divided by etiology.

Symptoms	Cerebral neoplasm	Vascular disease	Inflammatory disorder	Intracranical Hypertension	Cerebral malformation
	n=15 (%)	n=3 (%)	n=9 (%)	n=5 (%)	n=2 (%)
History of headache	4 (26.7)	0	1 (11.1)	3 (60)	1 (50)
Fever	0	2 (66.7)	6 (66.7)	0	0
Vomiting	13 (86.7)	1 (33.3)	8 (88.9)	1 (20)	2 (100)
Papilledema	2 (13.33)	0	0	3 (60)	0
Nystagmus	3 (20)	0	0	0	0
Ataxia	8 (53.33)	0	3 (33.3)	0	0
Disturbance of	2 (12 22)	0	1 (11.1)	1(20)	0
ocular motility	2 (13.33)				
Torticollis	0	0	0	0	0
Disturbance of					
consciousness	5 (33.3)	1 (33.3)	4 (44.4)	2 (40)	0
Dizziness	1 (6.7)	1 (33.3)	2 (22.2)	0	0
Paralysis of cranial	2 (20)	0			
nerves	3 (20)		1 (11.1)	0	0
Nocturnal					
awakening	9 (60)	2 (66.7)	3 (33.3)	1 (20)	0
Asthenia	3 (20)	1 (33.3)	3 (33.3)	0	0
Occipital					
localization	1 (6.7)	0	2 (22.2)	0	1 (50)
(headache)					
Presence of					
neurological	9 (60)	2 (66.7)	7 (77.8)	5 (100)	0
symptoms or/and					
signs					

Table S2. Clinical characteristics of the 15 children with cerebral neoplasm on 34 with potentially urgent intracranial conditions

Pts n.	Papilledema	Vomiting	Nystagmus	Ataxia	Ocular motility disorder	Disturbances of consciousness	Paralysis of cranial nerves	Vertigo	Nocturnal awakening	Occipital pain localization	Asthenia	Presence of neurological symptoms or/and signs
1		*	*				*		*			*
2	*	*			*		*		*			*
3		*							*			
4		*							*			
5		*		*		*				*	*	*
6		*				*					*	*
7		*		*		*					*	*
8		*		*				*	*			*
9		*										
10									*			
11		*	*	*		*						*
12			*	*	*							
13		*		*			*		*			*
14	*	*		*		*			*			*
15		*		*					*			

* Presence of sign/symptom

Table S3. Clinical characteristics of the 3 children with vascular disease on 34 with potentially urgent intracranial conditions

Pts n.	Fever	Papilledema	Vomiting	Ataxia	Ocular motility disorder	Disturbances of consciousness	Paralysis of cranial nerves	Vertigo	Nocturnal awakening	Occipital pain localization	Asthenia	Presence of neurological symptoms or/and signs
1	*								*			
2	*							*	*			*
3			*			*						*

^{*} Presence of sign/symptom

Table S4. Clinical characteristics of the 9 children with inflammatory disease on 34 with potentially urgent intracranial conditions

Pts n.	Fever	Papilledema	Vomiting	Ataxia	Ocular motility disorder	Disturbances of consciousness	Paralysis of cranial nerves	Vertigo	Nocturnal awakening	Occipital pain localization	Asthenia	Presence of neurological symptoms or/and signs
1			*						*			*
2	*		*		*	*	*		*		*	*
3	*		*	*		*					*	*
4	*		*			*		*			*	*
5			*	*		*		*		*		*
6	*		*						*	*		
7			*	*								*
8	*		*									*
9	*											

^{*} Presence of sign/symptom

Table S5. Clinical characteristics of the 5 children with intracranial hypertension on 34 with potentially urgent intracranial conditions

Pts n.	Fever	Papilledema	Vomiting	Ataxia	Ocular motility disorder	Disturbances of consciousness	Paralysis of cranial nerves	Vertigo	Nocturnal awakening	Occipital pain localization	Asthenia	Presence of neurological symptoms or/and signs
1			*			*						*
2		*							*			*
3		*										*
4		*										*
5					*	*						*

^{*} Presence of sign/symptom

 $Table \ S6. \ Clinical \ characteristics \ of \ the \ 2 \ children \ with \ cerebral \ malformation \ on \ 34 \ with \ potentially \ urgent \ intracranial \ conditions$

Pts n.	Fever	Papilledema	Vomiting	Ataxia	Ocular motility disorder	Disturbances of consciousness	Paralysis of cranial nerves	Vertigo	Nocturnal awakening	Occipital pain localization	Asthenia	Presence of neurological symptoms or/and signs
1			*						*			
2			*						*			

^{*} Presence of sign/symptom