

# II ASBAI-BRAGID Meeting

## Clinical Case

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- 10/28/15 - 2 MO – perineal ulcers and local bleeding – no response to local steroids, neomycin, ketoconazole, oral cephalexin and ampicilina.
- Sigmoidoscopy: no inflammation, only bleeding
- Skin Biopsy (???)

# Clinical Case

MBC, female, 8 months old

Birth weight 2665g, height 44.5cm  
– phototherapy (2 days) – jaundice

7th day of life – perineal hyperemia –  
local nystatin + zinc oxide;  
evolved to ulcers and local bleeding

10/28/15 (2 MO) – continuous cotrimoxazole

**Family History:** Mother's uncle died with  
varicella at 6 MO.

**Lab exams:**

# Lab exams

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## White Blood Count (cells/mm<sup>3</sup>)

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Age	Leucocytes	Neutrophils	Lymphocytes	Monocytes	Eosinophils
1 month	11900	1071	9163	1190	476
3 months	8000	900	5900	600	300

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Laboratório de Imunologia Humana

*Pesquisa e Diagnóstico*

## Dihydrorhodamine (DHR) Flow Cytometric Test

	Control		Patient	
	Spontaneous	Stimulated (PMA)	Spontaneous	Stimulated (PMA)
Monocytes	1034	2261	919	1041
Neutrophils	2370	117379	1209	1149

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**Familiar History:** Mother's uncle died with  
varicella when 6 MO.

**Lab exams:**

**WBC: Neutropenia; DHR: abnormal**

Serology: 2MO – **positive** Measles,  
Rubella and **Cytomegalovirus IgG** (passive  
maternal immunity?)

Complement evaluation: C3, C4 normal

**Evolution:**

12/8/15 (3 MO) – continuous fluconazole

12/10/15 – continuous propranolol



- Perineal Hemangioma + ulcers

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**Tabela I. Serum Immunoglobulins**

mg/dl	1 MO	3 MO	5 MO	P10	P97
IgG	474	206	137	338	698
IgA	24	26	26	4	27
IgM	19	33	34	29	52

\* Albumina - 3,6mg/dl



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**Tabela II. Lymphocyte subsets (%)**

cells/mm <sup>3</sup>	2MO	P10	P90
CD3+ (41)	3800	2438	5247
CD4+ (30)	2801	1686	3417
CD8+ (9)	914	486	1615
CD19+(25)	3296 ↑	395	1697
CD56+	-----	239	1020





3 MO



8 MO





3 MO



8 MO





