



## Massive Brain Myiasis in a Child with Xeroderma Pigmentosum

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### Introduction

Brain myiasis is a rare affection in humans. There is only 9 cases reported in international medical literature.

### Methods

We describe a case of a 8 years old boy with advanced Xeroderma Pigmentosum which came up with a skull infection in a surgical site of a squamous cells carcinoma's resection. This lesion showed many maggots emerging from it. There were also necrotic bone surrounding tissues.

### Results

This patient were submitted to debridment of necrotic tissue with maggot evacuation with exhaustive irrigation with saline solution.

At the end of surgery there were no way to close the surgical wound, since there were no skin available to do it. We decided to use a sterile serum bag, with a "Bogota's Bag" conception. The child were kept with antibiotics for treatment and there were no motor deficits.

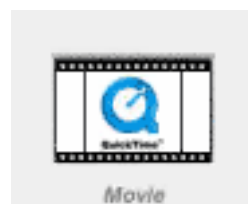
The patient was discharged for palliative home care, still with "Bogota's Bag".

### Conclusions

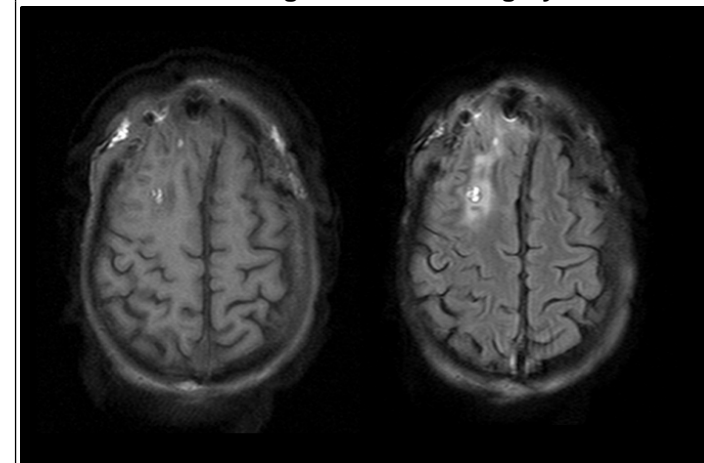
This is the first brazilian description of a brain myiasis and also a first one with Xeroderma Pigmentosum associated. This is a rare affection and in all cases described in literature, brain myiasis is associated with bad care, as this case.

### References

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### MRI images after first surgery



Flair images after first surgery. There is still maggots in the inner brain tissue.

### Bogota's Bag conception after first surgery



Them maggots raised from deep tissue to surface looking for oxygen and than die.