

Is the Classical Classification of Aspergillosis of the Paranasal Sinuses to non invasive and invasive still valid or not ?

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Background: Is the classical classification of Aspergellosis of the Paranasal Sinuses to non-invasive and invasive still valid or not?

Aim: To modify the classification system to non-invasive-semi-invasive and invasive.

Method: From 1998 to 2000, thirty two patients with the diagnosis of allergic chronic sinusitis were admitted for surgical treatment. Five have Allergic Aspergillus Sinusitis (AAS). They were treated by Surgery (FESS) combined with antiallergy and systemic antifungal chemotherapy (Itraconazol) regimen. Their follow up ranged from 6 to 23 months.

Results: All the five cases showed enough evidence to be diagnosed as AAS and all of them showed clinical, radiological and surgical evidence to be classified as semi-invasive. All responded very well to surgical and medical treatment.

Conclusions: Classification of fungal sinusitis should be made mainly based on clinical presentation radiological and surgical finding and not based on Histopathological findings only. Surgical debridement of the disease in combination with systemic antifungal treatment are the most effective treatment modality.