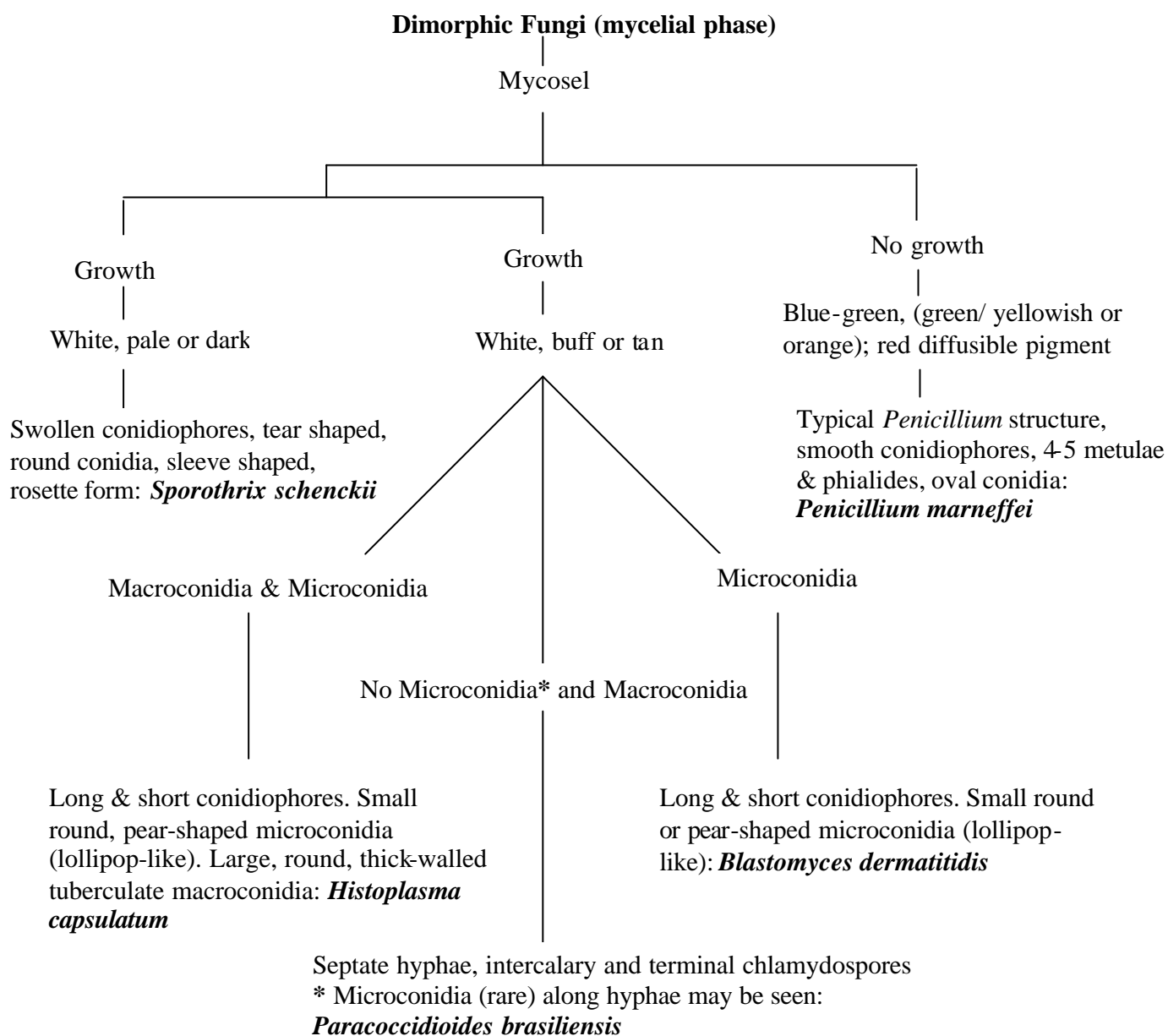


Medical Mycology (Flow Chart)
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NOTE: Dimorphic fungi are converted to species specific phase when incubated in appropriate medium and incubated at 37^oC (or higher temperature) producing small oval budding yeast with narrow attachment for *Histoplasma capsulatum*, large thick walled budding yeast with broad base for *Blastomyces dermatitidis*, round or variable yeast and cigar shaped bodies for *Sporothrix schenckii*, yeast-like structure, bisected cells, arthroconidia for *Penicillium marneffeii*, large thick-walled multiple buddings, narrow connection like marine wheel for *Paracoccidioides brasiliensis* and spherule production in converse medium incubated at 45^oC corresponds to *Coccidioides immitis*