

PharmaBridge Insights Report

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Query

We're evaluating sildenafil as a repurposing candidate. I need: 1. What's the market size and growth for erectile dysfunction? 2. What's the patent status for sildenafil? 3. Are there any ongoing clinical trials? 4. Do we have any internal strategic documents about sildenafil?

Data Sources

Publications: pubmed_api

Clinical Trials: clinicaltrials_gov_api

Patents: mock

Market (IQVIA): mock

Internal Knowledge: local_internal_docs

Web Intelligence: mock

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Publications

In vitro and computational evaluation of the erectogenic and anti-diabetic potential of ethanol extract of Hymenodictyon pachyantha stem bark — In silico pharmacology (2026)

Mechanistic study of PDE5A inhibitors from the prepared folium of Epimedium sagittatum maxim — Journal of structural biology (2025)

Persistent Pulmonary Hypertension in Corrected Congenital Left Circumflex Artery to Coronary Sinus Fistula: A Case Report and Literature Review — Case reports in cardiology (2025)

Cerebral, Muscle and Blood Oxygenation in Patients with Pulmonary Vascular Disease Whilst Breathing Normobaric Hypoxia vs. Normoxia Before and After Sildenafil: Data from a Randomised Controlled Trial — Journal of clinical medicine (2025)

Upfront combination therapy with sildenafil and ambrisentan in patients with chronic thromboembolic pulmonary hypertension — Jornal brasileiro de pneumologia : publicacao oficial da Sociedade Brasileira de Pneumologia e Tisiologia (2025)

Clinical Trials

NCT02519153 — Phosphodiesterase 5 Inhibitors (PDE5i) (Sildenafil) as Medical Expulsive Therapy in Distal Ureteral Stones [PHASE4] (UNKNOWN)

NCT00964782 — The Effects of Sildenafil on Exercise Function and Capacity in Patients With Fontan Circulation [PHASE4] (COMPLETED)

NCT01801982 — A Non-Interventional Follow Up Study For Subjects Who Received Sildenafil for Persistent Pulmonary Hypertension of the Newborn (PPHN) [N/A] (COMPLETED)

NCT01954524 — A Phase 1, Open-Label Study of Intravenous Sildenafil in Patients With Cirrhosis [PHASE1] (TERMINATED)

NCT01063855 — Concomitant Use of PriLigy in Men Treated for Erectile Dysfunction [PHASE 3] (COMPLETED)

Patents

US00000000 — Placeholder: Sildenafil composition and use (demo dataset) (exp: N/A)

Market Insights (IQVIA)

Therapy Area: Neuropathic Pain / Erectile Dysfunction / PAH (demo)

CAGR: None%

Market Size: \${}M

Internal Knowledge

- sildenafile_repurposing_memo.md: # Sildenafil repurposing notes (demo) This internal note summarizes hypotheses for sildenafil repurposing.
- pde5_pain_briefing.md: # PDE5 inhibitors in pain indications (demo) This briefing captures a lightweight view of PDE5 inhibitors.

Web Intelligence

- ClinicalTrials.gov Search: Use this link to validate live trial activity during demo.
- PubMed Search: Use this link to validate live publications during demo.