

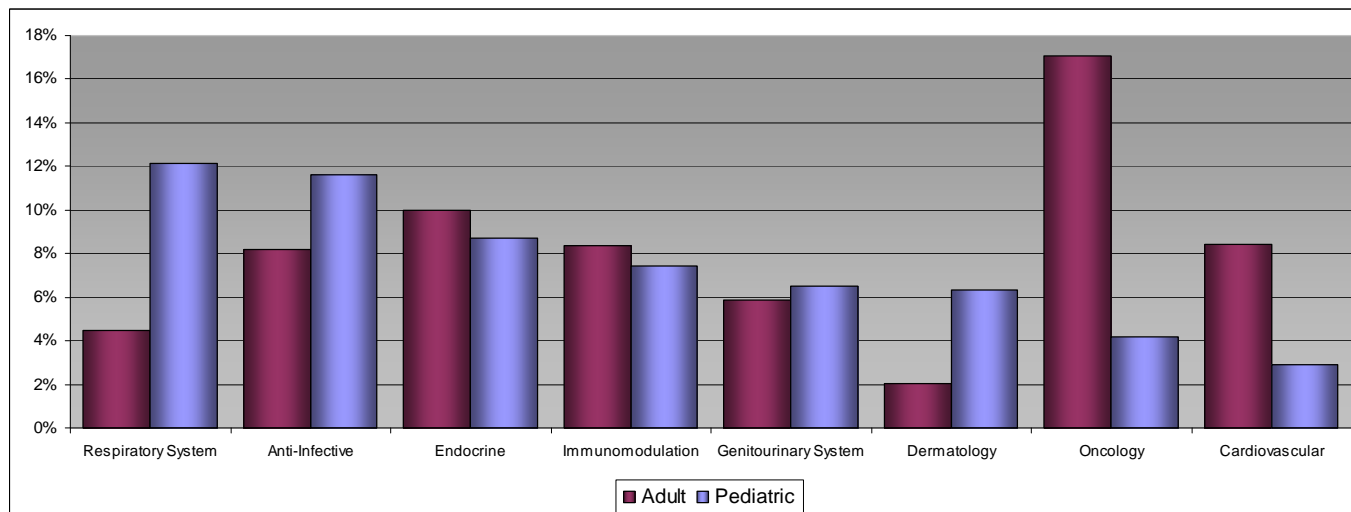
Spotlight on Research Fees: Adult vs. Pediatric Trials by Therapeutic Area

By Rafael A Campo

Pediatric clinical trials account for roughly 7% of all trials. The distribution by therapeutic area within each population shows that there are relatively more respiratory (e.g., asthma), anti-infective (e.g., vaccine) and dermatology (e.g., dermatitis) trials being performed in pediatrics than in adults. For example, the chart below shows that 12% of all pediatric trials are respiratory, while only 4.5% of adult trials are respiratory. Conversely, relatively few pediatric trials are in the oncology or cardiovascular therapeutic areas, where diseases of aging predominate.

Adult vs. Pediatric Trials by Therapeutic Area

(Phases I-IV, Selected Therapeutic Areas, Industry-Sponsored Pharmaceutical and Biotechnology Studies at Worldwide Sites, 2000-2007)^{1,2,3,4}



Notes & References

1. Respiratory System, Anti-Infective, Endocrine, Immunomodulation, Genitourinary System, Dermatology, Oncology and Cardiovascular
2. Source: Medidata Grants Manager™, the PICAS® database
3. The bars represent the percentage of trials by therapeutic area within each age population. For example, 12% of pediatric trials are in the respiratory therapeutic area.
4. Adult: 18 and older; Pediatric: 17 and younger

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