

Agreement 14: Pediatric Severe Asthma Innovative Care Program

Parties: PediPharma Therapeutics and Swedish Children's Health Initiative **Country:** Sweden **Disease Area:** Severe Asthma in Children (Ages 6-17) **Agreement Overview:** This specialized pediatric agreement addresses the significant challenges of managing severe asthma in children, focusing on the approximately 680 Swedish children requiring biologic therapy or high-intensity interventions. The contract integrates pharmaceutical treatment with comprehensive environmental management, family support, and school-based interventions to create a holistic approach to pediatric asthma care. Special attention is paid to developmental considerations, family dynamics, and quality of life measures specific to children.

Financial Structure:

- Base funding: SEK 195,000 per child per year for comprehensive asthma management
- Outcome-linked payments:
 - 25% of payment contingent on $\geq 60\%$ reduction in emergency department visits
 - 20% tied to improved Pediatric Asthma Quality of Life Questionnaire scores (minimum 0.5-point improvement)
 - 15% linked to reduction in school absenteeism by $\geq 50\%$ compared to pre-enrollment
- Biologic therapy component: SEK 118,000 per eligible patient requiring advanced biologics
- Performance monitoring: Independent pediatric pulmonology review board assessment
- Family compliance incentive: SEK 8,500 annual bonus for families maintaining $>90\%$ medication adherence
- Environmental intervention fund: SEK 25,000 per household for remediation of identified triggers
- School program funding: SEK 35,000 per participating school for staff training and emergency protocols
- Risk corridors: Manufacturer absorption of costs exceeding SEK 147 million program-wide annually

Duration: 4 years with midpoint comprehensive evaluation **Special Provisions:**

- Comprehensive allergen identification and environmental assessment
- Home remediation services for identified environmental triggers
- Specialized pediatric pulmonary function testing protocols
- School-based asthma management programs with designated school nurse training
- Age-appropriate self-management education programs
- Family psychosocial support services
- Seasonal intervention intensification during high-risk periods
- Exercise adaptation programs for physical education inclusion

- Transition planning for adolescents approaching adult services
- Mobile health application with gamification elements for adherence