



Darja Gostilo

Date of birth: 04/12/2001 | Gender: Female | Nationality: Latvian | Phone: (+371) 22186001 (Mobile) | Email address: dashagostilo@gmail.com

Work experience

Lead Dentist | AFORA private clinic | 01/03/2026 - Current | R + g a , L a t v i a

- creating a new dental cabinet from zero
- choosing best equipment for the new cabinet
- doing all the paperwork that is related to a cabinet opening

Dentist | VCA Elite | 23/08/2025 - 01/09/2026 | R + g a , L a t v i a

1. Working with all patients and doing everything (endodontics, prosthetics (except crowns and bridges), extractions (except lower third molars), therapy, paediatric dentistry)

Research Assistant in RSU Oral Health Research Group | Riga Stradins university (RSU Oral Health Research Group) | 01/07/2025 - Current | R + g a , L a t v i a

1. Working in English with a tenor-professor from abroad.
2. Managing Instagram content (@rsuoralhealthresearch).
3. Writing publications, already two are found in Scopus.

Dentist | Zobarstnieciba 3Z | 01/11/2024 - 01/06/2025 | Talsi, Latvia

1. Worked with patients, providing therapeutical, pediatric, surgery and prosthetic procedures (consultations, fillings, endodontics, extractions, fillings for children and hygienes, partial and total dentures)

Dentist | Dental.LV | 01/06/2024 - 01/09/2024 | Riga, Latvia

1. Worked with patients, providing therapeutical, pediatric and surgery procedures (consultations, fillings, endodontics, extractions, fillings for children and hygienes)

Dentist | Ardentum | 01/06/2023 - 01/09/2023 | R + g a , L a t v i a

1. Worked with patients (hygienes and fillings)

First-Stage Researcher | Baltic Biomaterials Centre of Excellence | 01/01/2023 - 01/01/2025 | Riga, Latvia

1. Prepared and evaluated a comprehensive examination for school students participating in the "Bio-Go-Higher 2024".
2. Attended multiple research training sessions organized by the BBCE Center, including:
3. Meetings focused on innovations and strategies for commercializing medical products as a healthcare professional.
4. Networking events where I established connections with leading professors in my country.
5. Assisted a postdoctoral researcher with the study on autotransplantation and utilized their data as the foundation for my own scientific research.
6. Conducted a literature review for a professor on the topic of "Ceramic and Zirconium Crown 3D Printing."

Research Assistant | Riga Stradins university Institute of Stomatology | 01/01/2023 - 01/09/2023 | Riga, Latvia

1. Conducting literature reviews and reading academic articles to deepen research understanding.
2. Drafting research protocols for upcoming study.
3. Editing interview transcripts.
4. Conducting patient interviews to gather valuable information for a research project.
5. Translating academic articles and other relevant materials from Latvian to English and making Power Point presentations for a research lead for conferences.

Dental assistant | iDental | 01/06/2022 - 01/12/2022 | Riga, Latvia

1. Assisting with dental procedures

2. Infection control
3. Assisting dentists in managing medical and dental emergencies when necessary
4. Recording treatment information in patient records
5. Taking and exposing dental x-rays (predominantly Bitewing and periapical radiographs)

Dental assistant | SKY DREAM CLINIC | 31/12/2021 - 01/05/2022 | Riga, Latvia

1. Assisting with dental procedures
2. Infection control
3. Assisting dentists in managing medical and dental emergencies when necessary
4. Recording treatment information in patient records
5. Taking and exposing dental x-rays (predominantly 2D)

Dental assistant | Dr. Zukovas ortodontijas klinika | 30/09/2021 - 31/12/2021 | Riga, Latvia

1. Assisting with dental procedures (orthodontist, general dentist)
2. Infection control
3. Assisting dentists in managing medical and dental emergencies when necessary
4. Recording treatment information in patient records
5. Taking and exposing dental x-rays (predominantly lateral cephalograms and 2D)

Dental assistant | 33.zobs | 31/08/2020 - 30/09/2021 | Riga, Latvia

1. Assisting with dental procedures
2. Infection control
3. Assisting dentists in managing medical and dental emergencies when necessary
4. Recording treatment information in patient records
5. Taking and exposing dental x-rays (predominantly 2D and 3D)

Education & Training

Erasmus + | Karolinska Institutet | 01/03/2026 - 31/05/2026 | Stockholm, Sweden

Dentistry (Erasmus Semester) | Ludwig-Maximilians-Universität München | 01/10/2023 - 01/02/2024 | Munich, Germany

B2 Intensivkurse | Deutsch kurse bei der Universität München | 01/09/2023 - 01/11/2023 | Munich, Germany

Medical German and B1 Intensive course | German Language School Berlin | 01/03/2023 - 01/04/2023 | Berlin, Germany

A1 German course | Goethe Institut Riga | 01/09/2022 - 01/12/2022 | Riga, Latvia

Dentistry | RSU | 31/08/2020 - 31/08/2025

Wimbledon School Of English | Meridian Group | 07/2018 - 08/2018 | London, United Kingdom

Eastbourne College (Language School) | Meridian Group | 06/2017 - 07/2017 | Eastbourne, United Kingdom

General Secondary Education | Riga Wilhelm Ostwald Secondary School | 2007 - 2018

Language Skills

Mother tongue(s): **Russian**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
Latvian	C2	C2	C2	C2	C2
English	C1	C1	C1	C1	C1

German	B2	B2	B1	B1	B1
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Publications

Criteria and Prognostic Factors for Survival and Success Rates for Autotransplantation

2024. Darja Gostilo, prof. Gundega J kobsonsone .

This article is published and received 1st place on European Dental Student Association's Spring Research Competition 2025 in Coimbra, Portugal.

Abstract:

Autotransplantation of immature third molars is an effective treatment option, offering high success rates, minimal complications, and notable improvements in occlusal function and dental aesthetics. This study aims to review and evaluate the available evidence specifically on the survival and success rates of autotransplanted teeth and to identify prognostic factors that influence these outcomes.

A comprehensive search was conducted in the Elsevier Journals (ScienceDirect), MEDLINE (PubMed), and Dentistry & Oral Sciences Source (EBSCOhost) databases up to May 2024. Nine studies met the inclusion criteria for qualitative and quantitative analysis. The pooled survival rate was consistently high across studies, estimated at 91.867% (95% CI: 85.058% to 96.741%), while the success rate, though slightly lower, remained substantial at 90.162% (95% CI: 79.813% to 97.067%).

Key prognostic factors identified include the developmental stage of the donor tooth, with teeth featuring open apices showing enhanced success due to better potential for pulp revascularization and continued root growth. Additionally, surgical techniques, including advanced methods like computer-aided rapid prototyping (CARP) and platelet-rich plasma (PRP), were found to positively impact healing and integration. Fixation methods also played a role, as excessive rigid fixation was linked to higher rates of ankylosis and inflammatory root resorption. Characteristics of the recipient site, such as adequate bone support and alignment, were further noted as critical factors affecting outcomes.

The heterogeneity in defining 'success' criteria across studies highlights the need for standardized protocols to improve comparability. Future research should prioritize recipient site and donor tooth characteristics, standardized success criteria, extended follow-up periods, and refined treatment protocols to enhance predictability and long-term outcomes in tooth autotransplantation.

Direct, Indirect, and Intangible Costs in the Management of Dental Caries in Children

Darja Gostilo, Prof. Shaju Jacob Pulikkotil, Xenia Teplitzky, Blend Hamza, Assoc. prof. Georgios Tsilingaridis, Prof. Sivaprakash Rajasekharan, L+na Eikitina, Megija Florentine .

This article is sent for a publishment.

Abstract

Background

Dental caries remains one of the most prevalent chronic conditions affecting children worldwide and represents a significant challenge for health systems. While its clinical consequences are well documented, the economic burden associated with pediatric dental caries has not been comprehensively synthesized. This systematic review aimed to summarize and evaluate the available evidence on the costs associated with dental caries in children under 18 years of age.

Methods

A systematic review was conducted in accordance with established methodological guidelines. Multiple electronic databases were searched to identify studies reporting economic outcomes related to dental caries in children. Eligible studies included cost-of-illness analyses, cost analyses, and economic evaluations. Data were extracted on study characteristics, population, cost components, perspective, and key findings. Costs were categorized as direct, indirect, and intangible where reported. Due to methodological heterogeneity, a narrative synthesis was performed.

Results

A total of 16 studies met the inclusion criteria. Most studies reported direct medical costs, primarily associated with restorative treatment, hospital-based care, and emergency services. Direct costs were consistently substantial

across different settings, particularly in cases requiring advanced treatment or general anesthesia. Preventive interventions were generally found to be more cost-effective than curative approaches. Indirect costs, such as productivity losses of caregivers, were infrequently reported, and no studies comprehensively assessed intangible costs. Considerable variation was observed in study design, cost perspectives, and reporting methods, limiting comparability across studies.

Conclusions

Dental caries in children under 18 years imposes a considerable economic burden, largely driven by direct treatment costs, while preventive strategies appear to offer better economic value. The limited consideration of indirect and intangible costs suggests that the true societal burden of pediatric dental caries is likely underestimated. Future research should adopt standardized and comprehensive costing approaches to better inform policy decisions and resource allocation in pediatric oral health.

Keywords

Dental caries, Pediatric population, Economic burden, Cost analysis, Preventive oral health

Progressive health states and transition probabilities in pediatric dental caries: a systematic review of current evidence and research gaps

2026. Xenia Teplitzky, Falk Schwendicke, Laura Neimane, Darja Gostilo, Shaju Jacob Pulikkotil.

State-transition and simulation-based modeling approaches for simulating the progression of dental caries: a scoping review

2026. Xenia Teplitzky, Darja Gostilo, Georgious Tsilingaridis, Blend Hamza, L

Conferences & Seminars

Tooth Eruption: From Normal to Abnormal (From Theory To Clinical Practice) | 2024 - 2024 | Vilnius

Course by Dr. Rkta Almonaitienė

Researchers Seminar | 01/10/2022 - 02/10/2022 | RSU SP, Riga

"Emergency situations in dental practice" | 10/09/2022 | gl b sim.lv, Riga

"Introduction to Orthodontics: complex treatment solutions in everyday practice" | 07/05/2022 | Med Grupe, Vilnius

iTOP seminar for students, CURAPROX | 2022

"Injection modeling technique" | dabDental, online

"3K - Composite, contact, contour" | dabDental, online

"Spotlights in endodontics. Effective retreatment with Hyflex remover. New - Micro Mega universal approaches for successful endodontics" | dabDental, online

Researchers Academy | RSU, online

Projects

EDSA (European Dental Student Association) Flossophy Podcast on Spotify | 01/01/2026

I was a guest to European Dental Student Association Podcast. This episode was with a focus on children's oral health, prevention strategies, health inequalities, and the role of education and policy in improving access to dental care.

<https://open.spotify.com/episode/6tucnkwmXHmZDfsJOH8rmE?si=337d94c1259348b7>

A Head of LDSA Research Department (Latvia Dentistry Student Association) | 01/12/2023 - 01/12/2024

As a member LDSA Board, I organised many events for students in our university. My organised events were:

“LDSA Research Event” - within the framework of this event, students had an opportunity to listen to experienced lecturers (professors and doctors) who are currently working in the field of dental science, as well as it was possible to gain new knowledge in accordance with how to conduct your own first research, what to do if you do not have previous experience in this field and etc. There was also an opportunity to network and work in groups for international and Latvian students. The event was held in English.

Prophylaxis lessons to scholars at schools - I delivered educational lectures at schools to raise awareness among children about dental caries and the importance of maintaining proper oral hygiene.

“Baltic Reunion 2024” - I was a co-organizer for a congress for Baltic students. There were many students from Estonia and Lithuania (around 60 people) that came to Riga for 3 days. I organized some lectures from RSU professors, as well as gave a tour for students around Riga and our university. Prepared an entertainment program for Baltic students.

“LZSA x RSU SSIG x RSU DSA Dental Quiz” - I organized an informal dental quiz event for both international and Latvian participants with two other organizations in Latvia (DSA - International Dental Association and RSU Stomatology Scientific Interest Group). The event will be conducted in English and aims to provide an enjoyable experience while testing participants’ knowledge on dental topics. Students will work in groups to answer challenging and sophisticated questions, with a prize awarded to the top-performing team.

<https://www.instagram.com/lzsa.latvia>

A Head of RSU Stomatology Student Scientific Interest Group | 01/09/2024 - 01/06/2025

RSU Stomatology SZP is a non-profit organization that aims to promote student training not only within the university, but also outside it. Education in the field of dentistry never ends, so this group was intended for those colleagues who want to constantly update their knowledge and skills, opening the door to better growth opportunities and maintaining competitiveness in rapidly changing times.

I was a head of this organisation, so I organised 8 theoretical sessions for students, during which students got acquainted not only with the biomimetic and holistic approach in dentistry, but also focus on research methodology and writing a first paper. The knowledge of a future dentist must be complete not only from the theoretical side, but also from the practical side. Thus, an additional 4 practical sessions were organized, in which unprecedented hands-on classes were conducted.

At the end of the academic year, I also organized an RSU Case Report Competition for RSU SSIG members to develop their presentation skills in English and start their path in the science in a more comfortable and pleasant atmosphere.

<https://sp.rsu.lv/zinatne/studentu-zinatniskie-pulcini/stomatologijas-pulcins>

https://www.facebook.com/groups/stomatologijaspulcins/?locale=lv_LV

<https://www.instagram.com/stomatologijaspulcins/>

EDSA (European Dental Student Association) Podcast and Magazine Co-Lead | 01/01/2025 - 01/09/2025

The European Dental Students’ Association (EDSA) Magazine and Podcast Co-Leads are responsible for producing and managing the association’s official publications and audio content. This includes overseeing the EDSA Magazine, which features articles, research updates, and insights relevant to dental students across Europe. They also manage the EDSA Podcast, known as FLOSSophy, which discusses various topics pertinent to the dental community. These roles involve coordinating with contributors, editing content, and ensuring that the publications and podcasts align with EDSA’s mission to inform and engage its members.

<https://www.edsaweb.org/>

Honours and Awards

Diploma for good results of the 43rd student scientific conference in the Riga region in the field of biology (III grade) | University of Latvia | 08/03/2019

Original Research Competition Winner (Spring 2025) | EDSA (Coimbra, Portugal) | 04/04/2025

During 75th EDSA (European Dental Student Association) Meeting in Portugal, I was honoured to receive a I place in Original Research Competition.

<https://www.facebook.com/photo/?fbid=1103500288478763&set=pb.100064564069192.-2207520000>

Certificate For Presenting An Oral Presentation For Scientific Research Entitled | RSU ISC 2025 | 24/03/2025

The name of the research work: Analysis of Tooth Morphometry In Selected Sample: Comparison To Existing Data and Golden Ratio Alignment

Scientific work supervisor: Assoc. prof. Dr. med. Dzintra Kažoka

Certificate For Presenting An Oral Presentation For Scientific Research Entitled | RSU ISC 2025 | 24/03/2025

The name of the research work: Criteria and Prognostic Factors For Success of Immature Third Molar Autotransplantation: Systematic Review and Meta-Analysis

Scientific work supervisor: Prof. Gundega J kobsonsone

Certificate For Presenting An Oral Presentation For Scientific Research Entitled | EDSA (Dublind, Ireland) | 22/08/2026

The name of the research work: Analysis of Tooth Morphometry In Selected Sample: Comparison To Existing Data and Golden Ratio Alignment

Scientific work supervisor: Assoc. prof. Dr. med. Dzintra Kažoka

Appreciation of Riga City Council | Riga City Council | 27/06/2019

For outstanding achievements

Centennial Scholarship | Ministry of Education and Science | 27/06/2019