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Newsletter #22

May 2023

EDITORIAL

In April 2023, it was announced that Lolita, the orca that had been in captivity in an aquarium for over 50 years, will finally be released into the waters of the Pacific, thanks to the NGO "Friends of Lolita". Meanwhile, in Westminster, the British people and the world watched the coronation of the new king, the first coronation in 70 years.

In our Adolescent Health Research Group (GRSA) in Lausanne, it is a mixture of these two events that we will experience at the end of July: the departure or the release of the king of the GRSA after several years of hard work! His team wishes him a wonderful retirement accompanied by ukuleles, books and beaches! We will not create an NGO "Friends of Joan-Carles", but we wish him the best and thank him for his incredible supervision, the succession is assured!

And as a final nod to this king who was involved in adolescent health for all these years, his horoscope published in this week's Courier International (May 11-17) states that "it is never too late to have a fruitful childhood and a creative adolescence"!

NEWS

SAHM 2023

In March 2023, the SAHM took place in Chicago and the GRSA had the pleasure of presenting posters on Adverse childhood experiences and on Young non-drinkers.



Youth resource directory

We are very proud to have been added to the directory of youth resources of the canton of Vaud by the foundation Le Relais.

New member confirmed in the group

We are very pleased to welcome Diana Fernandes Palhares in our research group as a research collaborator after her 6 months-internship with us!

Disposable Vape pen – puff use

This study is an interdepartmental collaboration with the Health Promotion and Prevention Department at Unisanté and Promotion Santé Valais. The qualitative part will soon be published.

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Alcohol use and misuse among young people: what about abstainers?

The study financed by the Swiss National Science Foundation has come to an end and two articles will be published.

UPCOMING EVENTS

Journée HANDIBOOST

7 juin 2023, Bron, Hôpital Femme-Mère-Enfant, Amphi 6^{ème} étage.

Renseignements:

handiboost.contact@gmail.com

Journée Adolescence

Lost in Translation?

8 juin 2023, Lausanne.

Inscription: unil.ch/sympados

Contact : eventsip@unil.ch



Congrès annuel pédiatrie Suisse

15-17 juin 2023, Congress Kursaal Interlaken

[Inscription en ligne](#)

Swiss Public Health Conference

Lausanne, 12-13 September 2023

[Online registration](#)

Excellence in Pediatrics Conference

Paris, 30 November-2 December 2023

[Online registration](#)

PUBLISHED ARTICLES

Tobacco, nicotine and cannabis products

Affolter J, Rohland E, Philippe M, Tal K, Auer R, Jakob J. **Use of tobacco, nicotine and cannabis products among students in Switzerland.** Front Public Health. 2023 Mar 29;11:1076217. doi: [10.3389/fpubh.2023.1076217](https://doi.org/10.3389/fpubh.2023.1076217).

Students who used a product were most likely to smoke cigarettes, but many regularly used new tobacco, nicotine and cannabis products, though use frequency varies.

Adolescent Young Carers

Barbabella F, Magnusson L, Boccaletti L, Casu G, Hlebec V, Bolko I, Lewis F, Hoefman R, Brolin R, Santini S, Socci M, D'Amen B, de Jong Y, Bouwman T, de Jong N, Leu A, Phelps D, Guggiari E, Wirth A, Morgan V, Becker S, Hanson E. **Recruitment of Adolescent Young Carers to a Psychosocial Support Intervention Study in Six European Countries: Lessons Learned from the ME-WE Project.** Int J Environ Res Public Health. 2023 Mar 14;20(6):5074. doi: [10.3390/ijerph20065074](https://doi.org/10.3390/ijerph20065074).

Challenges encountered in reaching, recruiting and retaining adolescent young carers (AYCs) included low levels of awareness among AYCs, a low willingness to participate in study activities, uncertainty about the prevalence of AYCs, a limited school capacity to support the recruitment; COVID-19 spreading in 2020-2021 and related restrictions. Based on this experience, recommendations are put forward for how to better engage AYCs in research.

Vaccination against COVID-19

Baysson H, Pullen N, De Mestral C, Semaani C, Pennacchio F, Zaballa ME, L'Huillier AG, Lorthe E, Guessous I, Stringhini S; Specchio-COVID19 study group. **Parental willingness to have children vaccinated against COVID-19 in Geneva, Switzerland: a cross-sectional population-based**

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study. Swiss Med Wkly. 2023 Apr 3;153(4):40049. doi: [10.57187/smw.2023.40049](https://doi.org/10.57187/smw.2023.40049).

Willingness to vaccinate children was high for parents of adolescents aged 16-17 years but decreased significantly with decreasing child age. Unvaccinated, socioeconomically disadvantaged parents and those with younger children were less likely to be willing to vaccinate their children. These results are important for vaccination programs and developing communication strategies to reach vaccine-hesitant groups, both in the context of COVID-19 and in the prevention of other diseases and future pandemics.

Adolescents' mental health

Chok, L., Suris, J.-C., Barrense-Dias, Y. **Adolescents' mental health, coping strategies, social support and interventions: a qualitative study in Switzerland.** Qualitative Research Journal. 2023. doi: [10.1108/QRJ-10-2022-0135](https://doi.org/10.1108/QRJ-10-2022-0135).

This exploratory qualitative study aimed to better understand the coping strategies when adolescents face mental health difficulties, the reasons why some adolescents find it difficult to seek social support and/or professional care and which interventions they would find efficient to improve adolescents' mental health.

Patient Satisfaction Questionnaire

Della Casa A, Urben S, Hefti S, Wöckel L, Beutler H, Holzer L, Riedo V, Schimmelmann BG, Schmid M. **[Questionnaire on Treatment Satisfaction in Inpatient Child and Adolescent Psychiatry (FBZ-KJP) - Results of a Swiss Pilot Study].** Z Kinder Jugendpsychiatr Psychother. 2023 Mar;51(2):153-165. doi: [10.1024/1422-4917/a000869](https://doi.org/10.1024/1422-4917/a000869). Epub 2022 Apr 8.

The Patient Satisfaction Questionnaire can be recommended to professionals as a standard for collecting data on client satisfaction within child and adolescent psychiatry. [Article in German]

German translation of PROMIS pediatric item banks

Devine J, Kaman A, Seum TL, Zoellner F, Dabs M, Ottova-Jordan V, Schlepper LK, Haller AC, Topf S, Boecker M, Schuchard J, Forrest CB, Ravens-Sieberer U. **German translation of the PROMIS® pediatric anxiety, anger, depressive symptoms, fatigue, pain interference and peer relationships item banks.** J Patient Rep Outcomes. 2023 Feb 21;7(1):16. doi: [10.1186/s41687-023-00548-0](https://doi.org/10.1186/s41687-023-00548-0).

The translated German short forms are ready for use by researchers and clinicians (<https://www.healthmeasures.net/search-view-measures>).

Mental Health First Aid training

Dzemaili S, Pasquier J, Oulevey Bachmann A, Mohler-Kuo M. **The Effectiveness of Mental Health First Aid Training among Undergraduate Students in Switzerland: A Randomized Control Trial.** Int J Environ Res Public Health. 2023 Jan 11;20(2):1303. doi: [10.3390/ijerph20021303](https://doi.org/10.3390/ijerph20021303).

The results suggest that the Mental Health First Aid (MHFA) training program is effective and has significant short-term and long-term impacts, in terms of enhancing basic knowledge about mental health and improving attitudes towards mental illness among undergraduate students.

Mental health during the COVID-19 pandemic

Foster S, Estévez-Lamorte N, Walitza S, Dzemaili S, Mohler-Kuo M. **Perceived stress, coping strategies, and mental health status among adolescents during the COVID-19 pandemic in Switzerland: a longitudinal study.** Eur Child Adolesc Psychiatry. 2022 Dec 14:1-13. doi: [10.1007/s00787-022-02119-y](https://doi.org/10.1007/s00787-022-02119-y). Online ahead of print.

Girls appear to have been more affected by the pandemic than boys, with youths with pre-existing psychiatric problems especially vulnerable to its

detrimental effects. Healthcare and school professionals should support to identify high-risk adolescents with negative and avoidant coping strategies and train youths to use positive coping strategies.

Soccer: Injury prevention program

Franchina M, Turati M, Tercier S, Kwiatkowski B. **FIFA 11+ Kids: Challenges in implementing a prevention program.** J Child Orthop. 2023 Feb;17(1):22-27. doi:

[10.1177/18632521221149057](https://doi.org/10.1177/18632521221149057). Epub 2023 Feb 1.

Injury prevention should be integrated in every soccer coach education courses. An adaptation of the FIFA 11+ Kids program should be considered, especially for the youngest players.

School-based HPV Vaccination

Froidevaux L, Fiorini-Bernasconi C, Campiche V, Gehri M, Jacto-Guillarmod M, Crisinel PA. **School-based HPV Vaccination: Variation in Inter-school Vaccine Uptake not Influenced by the Introduction of a New Information Brochure.** Asian Pac J Cancer Prev. 2023 Jan 1;24(1):249-255. doi: [10.31557/APJCP.2023.24.1.249](https://doi.org/10.31557/APJCP.2023.24.1.249).

The introduction of a new information brochure was insufficient to increase HPV vaccination coverage. More innovative strategies are needed.

HPV Vaccinations and COVID-19

Gountas I, Favre-Bulle A, Saxena K, Wilcock J, Collings H, Salomonsson S, Skroumpelos A, Sabale U. **Impact of the COVID-19 Pandemic on HPV Vaccinations in Switzerland and Greece: Road to Recovery.** Vaccines (Basel). 2023 Jan 25;11(2):258. doi: [10.3390/vaccines11020258](https://doi.org/10.3390/vaccines11020258).

This study demonstrates that administration rates of routine HPV vaccines decreased significantly among Swiss and Greek adolescents during the COVID-19 pandemic and that a sustained increase in vaccination rates is necessary to recover the HPV

dose deficits identified and to prevent long-term public health consequences.

Intensive psychiatric home treatment

Graf D, Lerch S, Böhnke U, Reichl C, Kindler J, Koenig J, Kaess M. **Treatment outcome of an intensive psychiatric home treatment for children and adolescents: a non-randomized controlled pilot evaluation.** Eur Child Adolesc Psychiatry. 2023 Apr;32(4):685-695. doi: [10.1007/s00787-021-01919-y](https://doi.org/10.1007/s00787-021-01919-y). Epub 2021 Dec

Overall, results indicate Home Treatment to be an effective alternative for children and adolescents with acute mental health disorders instead of hospitalization. Further evaluation with random group allocation and long-term follow-up should attempt to replicate and extend the current findings.

Visibility of adolescent young carers

Guggiari E, Fatton M, Becker S, Lewis F, Casu G, Hoefman R, Hanson E, Santini S, Boccaletti L, Nap HH, Hlebec V, Wirth A, Leu A. **Visibility as a Key Dimension to Better Health-Related Quality of Life and Mental Health: Results of the European Union Funded "ME-WE" Online Survey Study on Adolescent Young Carers in Switzerland.** Int J Environ Res Public Health. 2023 Feb 23;20(5):3963. doi: [10.3390/ijerph20053963](https://doi.org/10.3390/ijerph20053963).

The findings can inform recommendations for policy and practice to develop measures aimed at raising the visibility of adolescent young carers (AYCs), which is the first step for planning AYC tailored support.

Mobile App-Based Coaching for Alcohol Prevention

Haug S, Boumparis N, Wenger A, Paz Castro R, Schaub MP. **Mobile App-Based Coaching for Alcohol Prevention among Adolescents: Pre-Post Study on the Acceptance and Effectiveness of the Program "MobileCoach Alcohol".** Int J

Environ Res Public Health. 2023 Feb 13;20(4):3263. doi: [10.3390/ijerph20043263](https://doi.org/10.3390/ijerph20043263).

The mobile app-based MobileCoach Alcohol program proved to be an attractive intervention, in which the majority of students were interested when proactively recruited at school classes. It allows for individualized coaching in large groups of adolescents and young adults and is promising for reducing at-risk alcohol use.

Young patients with Duchenne Muscular Dystrophy and Covid-19

Henzi BC, Baumann D, Erni SJ, Lötscher N, Tscherter A, Klein A; Swiss-Reg-NMD Group. **Effects of the COVID-19 Pandemic on Access to Education and Social Participation in Children and Adolescents with Duchenne Muscular Dystrophy in Switzerland.** Neuropediatrics. 2023 Mar 30. doi: [10.1055/s-0043-1764434](https://doi.org/10.1055/s-0043-1764434). Online ahead of print.

The COVID-19 pandemic had direct effects on school assistance, sporting, and leisure activities in young patients with Duchenne Muscular Dystrophy in Switzerland. It is important to ensure that school assistance and leisure activities are rapidly resumed.

Young people's media use and infodemic

Juvalta S, Speranza C, Robin D, El Maohub Y, Krasselt J, Dreesen P, Dratva J, Suggs LS. **Young people's media use and adherence to preventive measures in the "infodemic": Is it masked by political ideology?** Soc Sci Med. 2023 Jan;317:115596. doi: [10.1016/j.socscimed.2022.115596](https://doi.org/10.1016/j.socscimed.2022.115596). Epub 2022 Dec 13.

Young peoples' use of information sources is associated with their political ideology and political extremism needs to be taken in account in conjunction with low trust.

Continuous glucose monitoring

Karges B, Tittel SR, Bey A, Freiberg C, Klinkert C, Kordonouri O, Thiele-Schmitz S, Schröder C, Steigleder-Schweiger C, Holl RW. **Continuous glucose monitoring versus blood glucose monitoring for risk of severe hypoglycaemia and diabetic ketoacidosis in children, adolescents, and young adults with type 1 diabetes: a population-based study.** Lancet Diabetes Endocrinol. 2023 May;11(5):314-323. doi: [10.1016/S2213-8587\(23\)00061-X](https://doi.org/10.1016/S2213-8587(23)00061-X). Epub 2023 Mar 30.

The findings provide evidence that continuous glucose monitoring can reduce severe hypoglycaemia and ketoacidosis risk in young people with type 1 diabetes on insulin therapy. Continuous glucose monitoring metrics might help to identify those at risk for acute diabetes complications.

Patterns of students' well-being

Kassis W, Janousch C, Sidler P, Aksoy D, Favre C, Ertanir B. **Patterns of students' well-being in early adolescence: A latent class and two-wave latent transition analysis.** PLoS One. 2022 Dec 1;17(12):e0276794. doi: [10.1371/journal.pone.0276794](https://doi.org/10.1371/journal.pone.0276794).

Multinomial logistic regression of covariates to the identified latent status membership established for both waves showed low but significant effects of socio-demographic variables. At wave 1, having a migration background was associated with a significant increase of being in a low versus high well-being level pattern. At wave 2, being female was associated with a significant increase of being in a low versus high and in a middle versus high well-being pattern.

Motor performance

Knaier E, Chaouch A, Caflisch JA, Rousson V, Wehrle FM, Kakebeeke TH, Jenni OG. **Secular trends in motor performance in Swiss children**

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and adolescents from 1983 to 2018. Front Public Health. 2023 Mar 27;11:1095586. doi: [10.3389/fpubh.2023.1095586](https://doi.org/10.3389/fpubh.2023.1095586).

Despite substantial societal changes since the 1980s, motor performance has remained relatively stable across generations. No secular trend was found in fine motor, pure motor, static balance, and contralateral associated movements over a period of 35 years. A secular trend in dynamic balance was present independent of the secular trend in body mass index.

Children and Adolescents with Autism Spectrum Disorder

Krieger B, Moser A, Morgenthaler T, Beurskens AJHM, Piškur B. **Parents' Perceptions: Environments and the Contextual Strategies of Parents to Support the Participation of Children and Adolescents with Autism Spectrum Disorder-A Descriptive Population-Based Study from Switzerland.** J Autism Dev Disord. 2022 Dec 20:1-23. doi: [10.1007/s10803-022-05826-2](https://doi.org/10.1007/s10803-022-05826-2). Online ahead of print.

Contextual strategies were identified in combination with people, activities, time, objects, and places. Parental perspectives on participation and their contextual strategies should be considered in environmental-based interventions to support the participation of children and adolescents with autism spectrum disorder.

Food intolerances

Légeret C, Lohmann C, Furlano RI, Köhler H. **Food intolerances in children and adolescents in Switzerland.** Eur J Pediatr. 2023 Feb;182(2):867-875. doi: [10.1007/s00431-022-04755-7](https://doi.org/10.1007/s00431-022-04755-7). Epub 2022 Dec 13.

Based on this large cross-sectional study, it was shown that 16% of children and adolescents avoid foods, half of them without any medical advice. Food avoidance is common among this Swiss cohort of children because of different reasons: lifestyle habits, functional diseases, true intolerances with

possible consequences such as micronutrient deficiencies if not properly monitored.

Chronic pains concepts of pediatricians

Locher C, Wörner A, Carlander M, Kossowsky J, Dratva J, Koechlin H. **Chronic pain concepts of pediatricians: a qualitative survey.** Pain Rep. 2023 Jan 16;8(1):e1060. doi: [10.1097/PR9.0000000000001060](https://doi.org/10.1097/PR9.0000000000001060).

There is a discrepancy between pediatricians' conviction that chronic pain is mostly explained by psychological factors and their exploratory model towards patients that focuses on biological factors. Promoting the biopsychosocial framework of chronic pain is key to ensure timely and effective treatment. The new pain classification in the ICD-11 has the potential to increase the use of the biopsychosocial model.

Social media use and adolescents' well-being

Marciano L, Viswanath K. **Social media use and adolescents' well-being: A note on flourishing.** Front Psychol. 2023 Apr 6;14:1092109. doi: [10.3389/fpsyg.2023.1092109](https://doi.org/10.3389/fpsyg.2023.1092109).

Using a well-being framework to investigate social media use in adolescents is needed to go beyond the ill-being perspective. Our results align with the needs pointed out by the Self-Determination Theory. Carrying out social media activities in a way that promotes-rather than diminishes-flourishing should be included as an additional good habit influencing adolescents' development. We suggest that interventions aiming to foster adolescents' flourishing should include curricula aiming to promote a good use of social media through positive online social relationships and inspirational contents.

Physical Activity and Life Satisfaction

Meyer S, Lang C, Ludyga S, Grob A, Gerber M. **"What If Others Think I Look Like..." The**

Moderating Role of Social Physique Anxiety and Sex in the Relationship between Physical Activity and Life Satisfaction in Swiss Adolescents. Int J Environ Res Public Health. 2023 Mar 2;20(5):4441. doi: [10.3390/ijerph20054441](https://doi.org/10.3390/ijerph20054441).

This study highlights the importance of developing a healthy relationship with one's body to fully benefit from physical activity, especially for female adolescents. Taken together, these results reveal important considerations for physical activity educators.

Teacher-Student Relationships and Delinquency

Obsuth I, Murray AL, Knoll M, Ribeaud D, Eisner M. **Teacher-Student Relationships in Childhood as a Protective Factor against Adolescent Delinquency up to Age 17: A Propensity Score Matching Approach.** Crime Delinq. 2023 Apr;69(4):727-755. doi: [10.1177/00111287211014153](https://doi.org/10.1177/00111287211014153). Epub 2021 May 10.

The authors found that young people who reported a better relationship with their teacher at age 10, engaged in fewer delinquent acts at ages 13, 15, and 17. These findings suggest that when young people perceive a better relationship with their teachers this serves as a protective factor against their engagement in delinquency up to 7 years later.

Hemoglobinopathies and fertility counseling

Radauer-Plank AC, Diesch-Furlanetto T, Schneider M, Sommerhäuser G, Friedrich LA, Salow V, Dülberg J, Diepold M, Rovó A, Njue LM, Drexler B, Infanti L, Kroiss S, Merki R, Scheinemann K, Eisenreich B, Hegemann I, Mandic L, Kager L, Borgmann-Staudt A, Schilling R, Roll S, Balcersek M. **Desire for biological parenthood and patient counseling on the risk of infertility among adolescents and adults with hemoglobinopathies.** Pediatr Blood Cancer. 2023

Apr 14:e30359. doi: [10.1002/abc.30359](https://doi.org/10.1002/abc.30359). Online ahead of print.

Most patients with hemoglobinopathies wish to have biological children, yet only few recalled fertility counseling and testing. Adequate patient counseling should be offered to all patients at risk for infertility.

Fentanyl protocol for acute pain management

Romano F, Wendelspiess M, Mansour R, Abplanalp-Marti O, Starvaggi C, Holzner F, Steiner I, Keitel K. **Safety of nurse-directed triage intranasal fentanyl protocol for acute pain management in a European pediatric emergency department: A retrospective observational analysis.** Front Pediatr. 2023 Feb 13;11:1070685. doi: [10.3389/fped.2023.1070685](https://doi.org/10.3389/fped.2023.1070685).

In accordance with previous studies outside of Europe, our data support the case that when appropriately used, nurse-directed IN fentanyl is a safe potent opioid analgesic for pediatric acute pain management. We strongly encourage the introduction of nurse-directed triage fentanyl protocols Europe-wide in order to provide effective and adequate acute pain management in children.

Obesity in infancy

Ruiz I, Bouthors T, Borloz S, Hauschild M, Maggio A, Schwitzgebel VM. **[Obesity in infancy: new precision treatment].** Rev Med Suisse. 2023 Feb 22;19(815):374-379. doi: [10.53738/REVMED.2023.19.815.374](https://doi.org/10.53738/REVMED.2023.19.815.374).

Obesity is a chronic disease, which leads to multiple short- and long-term complications. 4% of Swiss children and adolescents are obese. A prompt diagnosis and multicomponent lifestyle intervention is mandatory to avoid persistence of the disease into adulthood. Growth and BMI charts are still the essential tools to diagnose and define the etiology of obesity. A precocious and severe obesity, accompanied by hyperphagia, will raise the suspicion of monogenic obesity. The precise

molecular diagnosis enables in some patients the use of a specific treatment. Leptine in case of LEP gene defects, or setmelanotide when the affected gene is part of the MC4R signaling pathway (LEPR, POMC, PCSK1). [Article in French]

Affective experiences and recall bias

Schmidt P, Jendryczko D, Zurbriggen CLA, Nussbeck FW. **Recall bias of students' affective experiences in adolescence: The role of personality and internalizing behavior.** J Adolesc. 2023 Mar 21. doi: [10.1002/jad.12162](https://doi.org/10.1002/jad.12162). Online ahead of print.

Retrospective self-reports about adolescents' affective experience are biased by relatively stable individual factors, whereas less stable individual factors did not seem to have any influence.

Pediatric Infective Endocarditis

Schuler SK, Crisinel PA, Joye R, Rohr M, Bressieux-Deguedre S, Glöckler M, Paioni P, Agyeman PKA, Knirsch W. **Swiss Evaluation Registry for Pediatric Infective Endocarditis (SERPIE) - Risk factors for complications in children and adolescents with infective endocarditis.** Int J Cardiol. 2023 Jan 1;370:463-471. doi: [10.1016/j.ijcard.2022.10.173](https://doi.org/10.1016/j.ijcard.2022.10.173). Epub 2022 Nov 2.

Infective endocarditis in childhood remains a severe cardiac disease with relevant mortality. The high morbidity and high rate of complications is associated with Staphylococcus aureus infections. Congenital heart defects act as a risk factor for IE, in particular the high number of cases associated with prosthetic pulmonary valve needs further evaluation and therapeutic alternatives.

Not being on social networks

Surís JC, Stadelmann S, Chok L, Barrense-Dias Y. **What happens when you are not on social networks? A survey among middle-school teens in Switzerland.** Arch Pediatr. 2023 May; 30(4):

232-235. doi: [10.1016/j.arcped.2023.03.002](https://doi.org/10.1016/j.arcped.2023.03.002). Epub 2023 Mar 27.

Most young adolescents use social networks. However, this activity does not seem to be associated with academic problems. Therefore, the use of social networks should not be demonized but considered part of their social life.

Road traffic noise and cognition

Tangermann L, Vienneau D, Saucy A, Hattendorf J, Schäffer B, Wunderli JM, Röösl M. **The association of road traffic noise with cognition in adolescents: A cohort study in Switzerland.** Environ Res. 2023 Feb 1;218:115031. doi: [10.1016/j.envres.2022.115031](https://doi.org/10.1016/j.envres.2022.115031). Epub 2022 Dec 9.

The study indicates that road traffic noise at home reduces cognitive performance in adolescents. Larger cohorts with longer follow-up time are needed to confirm these results.

Screen for personality disorder

Thomson M, Cavelti M, Lerch S, Reichl C, Mürner-Lavanchy I, Moran P, Koenig J, Kaess M. **Is a brief screen for personality disorder clinically useful for the detection of impairment in personality functioning in adolescents?** Personal Disord. 2023 May;14(3):300-308.

doi: [10.1037/per0000583](https://doi.org/10.1037/per0000583). Epub 2022 Jun 9.

Findings suggest that the Standardized Assessment of Personality-Abbreviated Scale (SAPAS) may not be the optimal method of screening for Criterion A impairment in personality functioning (IPF) among adolescents in clinical settings but might also be more suited to Criterion B. Our findings call for a developmentally adapted screener for early detection of PD represented by IPF in adolescents.

Hate speech

Wachs S, Castellanos M, Wettstein A, Bilz L, Gámez-Guadix M.J. **Associations Between Classroom Climate, Empathy, Self-Efficacy, and Countering Hate Speech Among Adolescents: A**

Multilevel Mediation Analysis. Interpers Violence. 2023 Mar;38(5-6):5067-5091. doi: [10.1177/08862605221120905](https://doi.org/10.1177/08862605221120905). Epub 2022 Sep 23.

The findings highlight the need to focus on contextual and intrapersonal factors when trying to facilitate adolescents' willingness to face hate speech with civic courage and proactively engage against it.

Anti-hate speech programs

Wachs S, Valido A, Espelage DL, Castellanos M, Wettstein A, Bilz L. **The relation of classroom climate to adolescents' countering hate speech via social skills: A positive youth development perspective.** J Adolesc. 2023 Apr 28. doi: [10.1002/jad.12180](https://doi.org/10.1002/jad.12180). Online ahead of print.

The findings highlight that successful anti-hate speech programs may entail a combination of environmental and personal factors for increasing adolescents' active contribution to an inclusive and discrimination-free classroom environment where hate speech is not tolerated.

Sports activity and Covid-19

Zehnder C, Nigg CR, Benzing V. **COVID-19: Sports activity and health-related quality of life of Swiss children and adolescents before and during the initial stay at home period.** J Health Psychol. 2023 Apr;28(5):491-505.

doi: [10.1177/13591053221122722](https://doi.org/10.1177/13591053221122722). Epub 2022 Sep 8.

The findings indicate that sports activity of children and adolescents should be promoted during stay at home, for which innovative home-based interventions may be useful.

Bilingualism and creativity

Zheng Y, Denervaud S, Durrleman S. **Bilingualism and creativity across development: Evidence from divergent thinking and convergent thinking.** Front Hum Neurosci. 2023 Jan

6;16:1058803.

doi:

[10.3389/fnhum.2022.1058803](https://doi.org/10.3389/fnhum.2022.1058803).

Bilingualism and cortical thinness in the right supplementary motor area might facilitate convergent thinking independently, by enhancing this selective ability.

Screen use and behavioral issues

Zhu X, Griffiths H, Xiao Z, Ribeaud D, Eisner M, Yang Y, Murray AL. **Trajectories of Screen Time across Adolescence and Their Associations with Adulthood Mental Health and Behavioral Outcomes.** J Youth Adolesc. 2023 May 6. doi: [10.1007/s10964-023-01782-x](https://doi.org/10.1007/s10964-023-01782-x). Online ahead of print.

The findings suggest which patterns of screen use may be a marker for later mental health and behavioral issues in different domains. Future research to test the directionality of these associations will be important.

Attention deficit/hyperactivity disorder

Zysset A, Robin D, Albermann K, Dratva J, Hotz S, Wieber F, von Rhein M. **Diagnosis and management of ADHD: a pediatric perspective on practice and challenges in Switzerland.** BMC Pediatr. 2023 Mar 4;23(1):103. doi: [10.1186/s12887-023-03873-x](https://doi.org/10.1186/s12887-023-03873-x).

Pediatricians do consider a multimodal approach when treating ADHD and take the families' and children's opinions into account. Improvements of the availability of child and youth psychotherapy, the strengthening of the interprofessional cooperation with therapists and schools, and efforts to increase public knowledge about ADHD are proposed.

REPORTS AND FACTSHEETS

Chok L, Cros J, Lebon L, Zürcher K, Dubuis A, Berthouzot C, Suris JC, Barrense-Dias Y.

[Enquête sur l'usage et les représentations des cigarettes électroniques jetables \(puffs\) parmi les jeunes romand-es](#). Lausanne, Unisanté – Centre universitaire de médecine générale et santé publique, 2023 (Raisons de santé 344).

Chok L, Suris JC, Barrense-Dias Y. [La non consommation d'alcool : le point de vue des jeunes \(14-20 ans\)](#). Lausanne, Unisanté – Centre universitaire de médecine générale et santé publique, 2023 (Raisons de Santé : Les Essentiels 48).

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