

EDITOR-IN-CHIEF

Prof^o Me. Isabele de Souza Carvalho

EXECUTIVE EDITOR

Nathan Albano Valente

BOOK ORGANIZER

Seven Publications LTDA

EDITORIAL PRODUCTION

Seven Publications Ltda

2023 by Seven Editora

Copyright © Seven Publisher

Text Copyright © 2023 The Authors

Edition Copyright © 2023 Seven Publisher

TEXT EDITING

Stefanie Vitoria Garcia de Bastos

ART EDIT

Alan Ferreira de Moraes

COVER IMAGES

AdobeStok

LIBRARIAN

Bruna Heller

AREA OF KNOWLEDGE

Health Sciences

The content of the text and its data in its form, correctness and reliability are of the author's sole responsibility and does not necessarily represent the official position of Seven Academics Events and Publishing Company. The work can be downloaded and shared if credit is given to the author, but without the possibility of altering it in any way or using it for commercial purposes.

All manuscripts were previously submitted to blind peer review, members of the Editorial Board of this Publisher, and were approved for publication based on criteria of neutrality and academic impartiality.

Seven Publications is committed to ensuring editorial integrity at every stage of the publication process, preventing plagiarism, fraudulent data, or results, and preventing financial interests from compromising the ethical standards of publication. Suspected situations of scientific misconduct will be investigated with the highest academic and ethical rigor.



The contents of this book have been submitted by the author for open access publication, in accordance with the terms and conditions of the Creative Commons 4.0 Attribution License International.

EDITORIAL BOARD

EDITOR-IN-CHIEF

Prof^o Me. Isabele de Souza Carvalho

EDITORIAL BOARD

Pedro Henrique Ferreira Marçal - Vale do Rio Doce University
Adriana Barni Truccolo - State University of Rio Grande do Sul
Marcos Garcia Costa Morais - State University of Paraíba
Mônica Maria de Almeida Brainer - Federal Institute of Goiás Ceres Campus
Caio Vinicius Efigenio Formiga - Pontifical Catholic University of Goiás
Egas José Armando - Eduardo Mondlane University of Mozambique
Ariane Fernandes da Conceição - Federal University of Triângulo Mineiro
Wanderson Santos de Farias - University for Sustainable Development
Maria Gorete Valus - University of Campinas
Luiz Gonzaga Lapa Junior - University of Brasilia
Janyel Trevisol - Federal University of Santa Maria
Irlane Maia de Oliveira - Federal University of Mato Grosso
Paulo Roberto Duailibe Monteiro - Fluminense Federal University
Luiz Gonzaga Lapa Junior - University of Brasilia
Yuni Saputri M.A - Nalanda University, India
Arnaldo Oliveira Souza Júnior – Federal University of Piauí, CEAD
Anderson Nunes Da Silva - Federal University of Northern Tocantins
Adriana Barretta Almeida - Federal University of Paraná
Jorge Luís Pereira Cavalcante - Iberoamerican University Foundation
Jorge Fernando Silva de Menezes - University of Aveiro
Antonio da Costa Cardoso Neto - University of Flores, Buenos Aires
Antônio Alves de Fontes-Júnior - Cruzeiro do Sul University
Alessandre Gomes de Lima - Faculty of Medicine of the University of Porto
Moacir Silva de Castro - Pontifical Catholic University of São Paulo
Marcelo Silva de Carvalho- Federal University of Alfenas
Charles Henrique Andrade de Oliveira - University of Pernambuco
Telma Regina Stroparo - State University of Ponta Grossa
Valéria Raquel Alcantara Barbosa - Fundação Oswaldo Cruz
Kleber Farinazo Borges - University of Brasilia
Rafael Braga Esteves - University of São Paulo
Inaldo Kley do Nascimento Moraes - State University of Southwest Bahia
Mara Lucia da Silva Ribeiro - Federal University of São Paulo

E93

The Evolution of Research in Health Sciences [electronic resource] / Seven Editora. – São José dos Pinhais, PR: Seven Editora, 2024.

Electronic data (1 PDF).

ISBN 978-65-6109-006-3

1. Health. 2. Evolution (Biology). 3. Health sciences. I. Title.

CDU 61

Indexes for systematic catalogue:

1. CDU: Health sciences 61

Cataloguing at source: Bruna Heller (CRB10/2348)

Seven Publications Ltda
CNPJ: 43.789.355/0001-14
editora@sevenevents.com.br
São José dos Pinhais/PR

AUTHOR'S STATEMENT

The author of this work DECLARES, for the following purposes, that:

You do not have any commercial interest that creates a conflict of interest in relation to the content published;

Declares to have actively participated in the construction of the respective manuscripts, preferably under the following conditions: "a) Study design, and/or data acquisition, and/or data analysis and interpretation; b) Preparation of the article or review to make the material intellectually relevant; c) Final approval of the manuscript for submission";

Certifies that the published text is completely free of fraudulent data and/or results and authorship defects;

Confirms the correct citation and reference of all data and interpretations of data from others Research;

Acknowledges that it has informed all sources of funding received to carry out the research; Authorizes the editing of the work, including catalog registrations, ISBN, DOI and other indexers, visual design and cover creation, internal layout, as well as its release and dissemination according to the criteria of Seven Academics Events and Publishing Company.

PUBLISHER'S STATEMENT

Seven Publications DECLARES, for the purposes of rights, duties and any methodological or legal meanings, that:

This publication constitutes only a temporary transfer of copyright, constituting a right to publication and reproduction of the materials. The Publisher is not co-responsible for the creation of published manuscripts, under the terms established in the Copyright Law (Law 9610/98), in article 184 of the Penal Code and in article 927 of the Civil Code; The author(s) is solely responsible for verifying such copyright and other issues, holding the Publisher harmless from any civil, administrative, and criminal damages that may arise.

Authorizes the DISSEMINATION OF THE WORK by the author(s) in lectures, courses, events, concerts, media and television, provided that there is due recognition of the authorship and editing and without any commercial purpose, with the presentation of the due CREDITS to SEVEN PUBLICATIONS, being the author(s) and publisher(s) responsible for the omission/exclusion of this information;

All ebooks are open access, so don't sell them on your website, partner sites, e-commerce platforms, or any other virtual or physical medium. Therefore, it is exempt from copyright transfers to authors, since the format does not generate other rights beyond the didactic and advertising purposes of the work, which can be consulted at any time.

All members of the editorial board have doctors and are linked to public institutions of higher education, as recommended by CAPES to obtain the Qualis book;

Seven Academic Events does not assign, sell, or authorize the use of the names and e-mails of the authors, as well as any other data of theirs, for any purpose other than the dissemination of this work, in accordance with the Civil Rights Framework for the Internet, the General Data Protection Law and the Constitution of the Federative Republic.

AUTHORS

Ademir Testa Junior
Adriana Paula Jordão Isabella
Alex Martins Machado
Alex Santos Luz
Alexandre Lopes dos Santos
Alfredo Ribeiro Filho
Alice Vieira Rômulo
Aline Almeida Barbaresco D'Alessandro
Aline Almeida Barbaresco D'Alessandro
Aline Cesário dos Santos Vitor Machado
Aline Costa Lopes
Aline Maria de Lemos Araujo
Aline Rafaela da Silva Rodrigues Machado
Aline Russo Cassola
Aloisio Olimpico
Amabília Daniella da Cruz
Amanda Alves Dutra
Amanda Oliveira de Carvalho
Amanda Paixão Mendes
Ana Carolina Patrício de Albuquerque Sousa
Ana Cláudia de Melo Araújo
Ana Laura Macedo do Vale Fonseca
Ana Laura Orsi
Ana Luiza Bernardes Henriques
Ana Maria Fontes Leite de Sá
Ana Maria Teixeira Propécio
Anamélia Damasceno de Macêdo
Ananda Neves Costa
André Luiz Caliari Costa
André Valério da Silva
Andressa da Silva Sandi
Andressa Ferreira Martins
Andressa Yumi Ishii
Ângela Cardoso de Alvarenga
Angela de Melo Santos
Angela Leite Moreno
Angela Maria e Silva
Angelly Bernardo de Sousa Filho
Antônio Augusto Marquez Batista
Antônio de Olival Fernandes
Antônio Márcio Teixeira Marchionni
Arleston Pinheiro Saldanha
Arthur Monteiro Simião
Beatriz Helena Gomes Rocha
Breno Luís Vieira Monteiro
Bruna Francielle Moreira Antunes
Bruno do Carmo Tavares
Camilly de Castro Emmanuel
Carlos Alberto Ocon
Carlos Eduardo Oliveira Figueredo Barroso
Carlos Henrique Barbosa Rozeira
Carlos Vinicius de Souza Santos
Carolina Diógenes Moreira
Caroline Lemos Araújo Deveras Guimarães
Caroline Priscila Furlanetto
Carulina Cardoso Batista
Chaiane Guerra da Conceição
Christian Douradinho
Claudia Cristina Soares Muniz
Cristiano Góes de Andrade
Cristina Braga
Cristina Nunes Capeloa
Daiane Sander Kielb
Daniel Salomão Queiroz Paula
Danielly Beatriz dos Santos Nunes
David Sandro Araújo Rodrigues
Debora Endler Simioni
Débora Vilas Calheiros Marques
Deborah M Labre V Cardozo
Déborah Ozima Mota Aroso
Deise Vimaana Santos de Souza Simões
Dênio Almeida Andrade Ferreira
Denise Krishna Holanda Guerra
Diana da Silva Gonçalves
Dulcian Medeiros de Azevedo
Eduardo Filoni
Eduardo Sinedino de Oliveira
Eilson Santiago
Elaize Maria Gomes de Paula
Eliseu Santana de Assis
Emilly Oliveira Sales
Eracilda Fontanela
Erika Michelle do Nascimento Facundes Barboza
Evanice Avelino de Souza
Fabio da Silva Leão
Fabrício Ricardo Valerio
Fátima Maria Bernardes Henriques Amaral
Fátima Terezinha Pelachini Farias
Fernanda Moraes de Abreu
Fernanda Sebastiana Mendes Pitanga
Flávio Roberto Pereira Tavares
Francisco Emerson Santos de Oliveira
Gabriel Olival de Sena Silva
Gabriel Santos Farias
Gabriel Terin Fernandes
Gabriel Vieira Ribeiro
Gabriela Carolina Alves de Souza
Gabriela Manhães de Oliveira Cavalcante
Gabriela Stocco Rodrigues
Genilson Pereira Gurgel
Georgina da Conceição Marques Pereira
Gilmar Pascoal Ribeiro Filho
Giovanna Bárbara Carvalho Mendes
Macena

Giulian Rubira Gautério
Guilherme Wengenoski
Helena Maira Dias Pereira Santos
Igor Nelson Silva Coelho Fonseca
Isabela Bezz dos Santos Gentil
Isabella Pinheiro Duarte
Isabelle Rodrigues Araújo
Isamara Alves dos Santos
Ivo Sousa Oliveira
Jackeline Silva Póvoa Almeida
Jakellyne Barros Santos
Janaína Maria Silva Vieira
Janaina Sousa Campos Alvarenga
Janicéia Lopes Simplício Lins
Janny Leonor Lourenço Ferreira
Jefferson de Lima Paz
Jéssica Delazari Ferreira
Jessica Thaísa Lopes Soares
João Eduardo Santos Aguiar
João Fábio de Freitas
João Felipe Souza Oliveira
João Paulo Stocco Campos
João Pedro Lima Vaz de Almeida
Joelma Rosa Bueno
Joelma Veras da Silva
Jorge Lopes Rodrigues Junior
Julia Kuhnen
Juliana Oliveira da Silva Musse
Juliana Ribeiro Lucci
Juliano Yasuo Oda
Júlio César Cardozo Dias
Karenn Eduarda Barbosa
Karina Perreli Randau
Kátia Maria Gonçalves Marques
Kylie Neves
Lanes Beatriz Acosta Jaques
Lara Paiva Magalhães
Larissa Gonçalves Barbosa
Layra Eugenio Pedreira
Leandro Daniel Dionezio
Léia Arruda Leite Araújo
Leonardo Cavalcanti Bezerra dos Santos
Letícia Alves Carvalho
Lísia Maria Cruz Araújo
Lívia de Paula Soares
Lívia Prates Soares
Luana Mendonça Marques Ramos Bueno
Luana Prado Figueredo
Lucas Alves de Oliveira Lima
Lucas Baião Lopes Cançado
Lucas Messias Caze Rodrigues
Luciana Bicca Dode
Luciana de Barros Correia Fontes
Lucilene Cardoso
Manuela Reis Fonseca de Araújo

Mara Lúcia Martins Lopes
Maraysa Costa Vieira Cardoso
Marcella Sescatto
Marcelo Marreira
Marco Antonio Schueda
Marcos Fernandes da Silva
Marcos Kiyoshi Hirata Miranda
Marculina Barros de Carvalho Bolwerk
Maria Amélia Suriani Lima
Maria Carolina Dias Rego
Maria Clara Borges Toledo
Maria da Conceição de Barros Correia
Maria Eduarda Montibeller
Maria Eduarda Pereira de Lima
Maria Emília Pereira Silva
Maria Heloysa Oliveira Félix
Maria José dos Reis
Maria Laiana Viríssimo Sousa de Oliveira
Maria Teresa Bicca Dode
Maria Valquíria dos Santos
Maria Vitória Santos Assunção Costa
Mariana Eduão Ferreira França
Mariana Gomes de Lima
Mariana Meira Vieira
Mariana Merighi Moreira Salles
Marilea dos Santos Carvalho
Marília Nunes Fernandes
Mário Ferreira Prist
Marlinda Vânia Massilon Leite
Mateus Nogueira Bonfim Bastos
Matheus Custódio Vieira Braga
Matheus Henrique Souza Alves
Mayara Rodrigues da Silva
Maykon Jhuly Martins de Paiva
Maylon Luciano Garcia Barbosa
Milena do Socorro Pereira Paula
Milena Esteffany Alves dos Santos
Mirna Albuquerque Frota
Mitzy Stephanny Machado
Monica Chaves
Monica Gomes Lirio Pimentel
Monique Goulart Domingues
Nathália Lima Araújo Nunes
Niedje Siqueira de Lima
Oswaldo Gonsalves Barbosa Júnior
Paulo Henrique Soles dos Santos
Pedro dos Santos Neto
Pedro Henrique Correa Peruzzo
Priscila Santos Leal
Queli da Silva Nunes
Rafael Braga Esteves
Raimundo Celio Pedreira
Raquel de Andrade Coutinho
Raquel Vieira Castelo Branco de Moraes
Regilda Saraiva dos Reis Moreira Araújo



Reginaldo José da Silva
Renan Floret Turini Claro
Renata Cristina Isidoro Carneiro Beltrão
Rodney Freire Andrade
Rodrigo Rodrigues da Silva
Rogério Almeida Machado
Rosa Maria Mariz de Melo Sales Marmhoud
Coury
Rosana da Conceição Martins Rodrigues
Samara Bianca Sodré
Samira Mohamad Awada
Sara dos Santos Oliveira
Sávia Denise Silva Carlotto Herrera
Sílvia Borges
Sofia Caroline Cavalcante Rocha
Sonara Santos Miranda
Stela Pires Azevedo Soares
Suana Millen Bruzaca Mota
Surama Grazielle Ribeiro da Costa Rigo
Taciane Oliveira
Tales Salomao de Mello
Talliane Maciel de Oliveira Teixeira
Tássia Barros Guimarães Falcão
Tatiana Elenice Cordeiro Soares
Tatiana Ferraz Carvalho

Tatiana Gonçalves Stael
Teddy Talbot
Teresa Cristina Gaio
Thiago Medeiros da Costa Daniele
Thiago Souza de Oliveira
Tiago Rocha Pinto
Túlio Corazza Moreira
Valéria Gadelha de Oliveira
Valnice de Oliveira Nogueira
Vanessa Albuquerque Pinto
Vera Lucia Bobrowski
Victoria Hellen Silva Gonçalves
Vinícius da Fonseca Prestes
Vinícius dos Santos Cunha
Vinicius Mazoni Silocchi
Virna Fonteles de Sousa Lima
Virna Lisi Mozer
Vitória Alcântara Franco Barbosa
Viviane Lúcia Gomes
Walmirton Bezerra D'Alessandro
Walmirton Bezerra D'Alessandro
Wylma Danuzza Guimarães Bastos
Yalle Vinicius Arruda Ramos
Yhasmin Fernandes Oliveira
Zilma Ribeiro do Nascimento

SUMMARY

Malaria



Gilmar Pascoal Ribeiro Filho, Arthur Monteiro Simião, Gabriela Carolina Alves de Souza, Sara dos Santos Oliveira, Janaina Sousa Campos Alvarenga and Ângela Cardoso de Alvarenga

  <https://doi.org/10.56238/sevened2024.006-001>

.....1-9

The role of the obstetric nurse: Non-invasive care technologies and pain relief in childbirth



Tatiana Gonçalves Stael, Diana da Silva Gonçalves, Angela Maria e Silva, Helena Maira Dias Pereira Santos and Raquel Vieira Castelo Branco de Moraes

  <https://doi.org/10.56238/sevened2024.006-002>

.....10-27

Evolution of soybean cultivation in lowlands: An overview from the producers' point of view



Antônio Augusto Marquez Batista, Eracilda Fontanela, Vinícius dos Santos Cunha, Chaiane Guerra da Conceição, Giulian Rubira Gautério, Lanes Beatriz Acosta Jaques and Arleston Pinheiro Saldanha

  <https://doi.org/10.56238/sevened2024.006-003>

.....28-49

Dentistry from the perspective of multidisciplinary, integrated and humanized hospital care for hospitalized patients



Leonardo Cavalcanti Bezerra dos Santos, Zilma Ribeiro do Nascimento, Maria da Conceição de Barros Correia, Ana Maria Fontes Leite de Sá, Janaína Maria Silva Vieira, Renata Cristina Isidoro Carneiro Beltrão, Janny Leonor Lourenço Ferreira, Erika Michelle do Nascimento Facundes Barboza, Janaína Maria Silva Vieira, Niedje Siqueira de Lima, Rosa Maria Mariz de Melo Sales Marmhoud Coury, Kátia Maria Gonçalves Marques and Luciana de Barros Correia Fontes

  <https://doi.org/10.56238/sevened2024.006-004>

.....50-57

Health in danger: "Sick buildings syndrome"


Elisabeth Maria Ferreira Severo

  <https://doi.org/10.56238/sevened2024.006-005>

.....58-72

Chagas disease: A brief summary

Rogério Almeida Machado, Jackeline Silva Póvoa Almeida, Júlio César Cardozo Dias, Samara Bianca Sodr , Leandro Daniel Dionezio, Georgina da Conceição Marques Pereira, Jefferson de Lima Paz, Carlos Vinicius de Souza Santos, Suana Millen Bruzaca Mota and Rosana da Conceição Martins Rodrigues

  <https://doi.org/10.56238/sevened2024.006-006>

.....73-75

The manipulable trigonometric cycle: A tool for teaching trigonometric functions



Eilson Santiago

  <https://doi.org/10.56238/sevened2024.006-007>

.....76-91

Discipline of Forensic Nursing in undergraduate Nursing: Experiences, didactic strategies, and reflections in a city in the interior of São Paulo



Rafael Braga Esteves, Lucilene Cardoso, Cristina Braga, Juliana Oliveira da Silva Musse, Taciane Oliveira, Luana Prado Figueredo, Maria José dos Reis, Moníca Chaves, Aloísio Olímpio, Aline Cesário dos Santos Vitor Machado, Mayara Rodrigues da Silva and Léia Arruda Leite Araújo

  <https://doi.org/10.56238/sevened2024.006-008>

.....92-103

Herbal medicine *Cissus sicyoides* as a complement to the treatment of type II Diabetes Mellitus



Daiane Sander Kielb, Amábília Daniella da Cruz, Fátima Terezinha Pelachini Farias, Teresa Cristina Gaio and Marco Antonio Schueda

  <https://doi.org/10.56238/sevened2024.006-009>

.....104-118

Characterization of suicides in the Seridó region of the state of Rio Grande do Sul: A time series study



Janicéia Lopes Simplício Lins, Ana Carolina Patrício de Albuquerque Sousa, Dulcian Medeiros de Azevedo and Tiago Rocha Pinto

  <https://doi.org/10.56238/sevened2024.006-010>

.....119-130

Depression and its relationship with food consumption and body image



Maria Laiana Viríssimo Sousa de Oliveira, Carulina Cardoso Batista and Regilda Saraiva dos Reis Moreira Araújo

  <https://doi.org/10.56238/sevened2024.006-011>

.....131-137

Covid-19 pandemic and the impacts on occupational health and quality of life of professionals working in primary care



Lucas Alves de Oliveira Lima, Joelma Veras da Silva, Maria Amélia Suriani Lima, Aline Costa Lopes, Teddy Talbot, Fabrício Ricardo Valerio, Eduardo Sinedino de Oliveira, Fernanda Moraes de Abreu, Lucas Messias Caze Rodrigues and Angela de Melo Santos

  <https://doi.org/10.56238/sevened2024.006-012>

.....138-144

Occupational health: The effects of the pandemic on the quality of life of Primary Health Care (PHC) professionals



Anamélia Damasceno de Macêdo, Lucas Alves de Oliveira Lima, Tatiana Elenice Cordeiro Soares, Aline Maria de Lemos Araujo, Alice Vieira Rômulo, Juliana Ribeiro Lucci, Thiago Souza de Oliveira, Genilson Pereira Gurgel, Queli da Silva Nunes and Paulo Henrique Soles dos Santos

  <https://doi.org/10.56238/sevened2024.006-013>

.....145-153

Management of septic shock secondary to pneumonia: Treatment protocols in medical emergencies



Denise Krishna Holanda Guerra, Francisco Emerson Santos de Oliveira, Túlio Corazza Moreira, Bruna Francielle Moreira Antunes, Breno Luís Vieira Monteiro, Virna Fonteles de Sousa Lima, Marlinda Vânia Massilon Leite, Alex Santos Luz, Alexandre Lopes dos Santos, Lívia de Paula Soares, Maria Carolina Dias Rego, David Sandro Araújo Rodrigues, Ivo Sousa Oliveira, Mateus Nogueira Bonfim Bastos, Carolina Diógenes Moreira, Larissa Gonçalves Barbosa, Matheus Custódio Vieira Braga, Maria Emília Pereira Silva, Bruno do Carmo Tavares, Lísia Maria Cruz Araújo, Gabriela Stocco Rodrigues, Julia Kuhnen and Maria Eduarda Montibeller

  <https://doi.org/10.56238/sevened2024.006-014>

.....154-162

Prophylaxis of preeclampsia in low-income adolescents: Protocols and challenges



Denise Krishna Holanda Guerra, Vanessa Albuquerque Pinto, Mariana Meira Vieira, Ana Luiza Bernardes Henriques, Déborah Ozima Mota Aroso, Lara Paiva Magalhães, Giovanna Bárbara Carvalho Mendes Macena, Fátima Maria Bernardes Henriques Amaral, Ananda Neves Costa, Vitória Alcântara Franco Barbosa, Danielly Beatriz dos Santos Nunes, Yalle Vinicius Arruda Ramos, Amanda Paixão Mendes, Amanda Oliveira de Carvalho, Alexandre Lopes dos Santos, Valéria Gadelha de Oliveira and Marilea dos Santos Carvalho

  <https://doi.org/10.56238/sevened2024.006-015>

.....163-169

Drills physical changes after osteotomies and sterilization



Caroline Lemos Araújo Deveras Guimarães, Lívia Prates Soares, Andressa Ferreira Martins, Maylon Luciano Garcia Barbosa, Cristiano Góes de Andrade and Antônio Márcio Teixeira Marchionni

  <https://doi.org/10.56238/sevened2024.006-016>

.....170-187

Use of the essential oils of *Lavandula angustifolia* Mill. in the treatment of anxiety: Systematic review of the literature



Kylie Neves, Maria Teresa Bicca Dode, Luciana Bicca Dode, Beatriz Helena Gomes Rocha and Vera Lucia Bobrowski

  <https://doi.org/10.56238/sevened2024.006-017>

.....188-199

Clinical manifestations and complications of acute appendicitis in pediatrics: An analysis



Ana Laura Macedo do Vale Fonseca, Ana Maria Teixeira Propécio, Andressa Yumi Ishii, Deborah M Labre V Cardozo, Igor Nelson Silva Coelho Fonseca, Isabella Pinheiro Duarte, Jakellyne Barros Santos, Jessica Thaísa Lopes Soares, João Felipe Souza Oliveira, Raquel de Andrade Coutinho, Surama Grazielle Ribeiro da Costa Rigo and Tales Salomao de Mello

  <https://doi.org/10.56238/sevened2024.006-018>

.....200-203

The science of happiness as a health strategy



Carlos Henrique Barbosa Rozeira, Marcos Fernandes da Silva, Virna Lisi Mozer, Monique Goulart Domingues, Isabela Bezz dos Santos Gentil, Débora Vilas Calheiros Marques, Dênio Almeida Andrade Ferreira, Marculina Barros de Carvalho Bolwerk, Monica Gomes Lirio Pimentel, Camilly de Castro Emmanuel and Rodney Freire Andrade

  <https://doi.org/10.56238/sevened2024.006-019>

.....204-228

Social media and quality of life – For good or for bad?



Cristina Braga, Carlos Alberto Ocon, Cristina Nunes Capelo, Adriana Paula Jordão Isabella, Fernanda Sebastiana Mendes Pitanga, Marcelo Marreira, Claudia Cristina Soares Muniz, Eduardo Filoni, Christian Douradinho, Antônio de Olival Fernandes, Alfredo Ribeiro Filho, Valnice de Oliveira Nogueira and Fabio da Silva Leão

  <https://doi.org/10.56238/sevened2024.006-020>

.....229-236

Artificial Intelligence in dentistry: Advances and applications in modern clinical practice



Carlos Eduardo Oliveira Figueredo Barroso, Eliseu Santana de Assis, Gabriel Olival de Sena Silva, João Eduardo Santos Aguiar, Jéssica Delazari Ferreira, Joelma Rosa Bueno, Lucas Baião Lopes Cañçado and Pedro dos Santos Neto

  <https://doi.org/10.56238/sevened2024.006-021>

.....237-255

Gut-Brain Axis: The role of gut microbiota in immune and neurological homeostasis



Vinicius Mazoni Silocchi, Samira Mohamad Awada, Mitzy Stephanny Machado, André Valério da Silva, Juliano Yasuo Oda, Aline Rafaela da Silva Rodrigues Machado and Alex Martins Machado

  <https://doi.org/10.56238/sevened2024.006-022>

.....256-271

Analysis of cerebral concussion in combat sports



Renan Floret Turini Claro, Ademir Testa Junior, Aline Russo Cassola, Amanda Alves Dutra, Gabriel Terin Fernandes, João Paulo Stocco Campos, Mariana Merighi Moreira Salles, Nathália Lima Araújo Nunes, Pedro Henrique Correa Peruzzo and Viviane Lúcia Gomes

  <https://doi.org/10.56238/sevened2024.006-023>

.....272-294

Action of transdermal release of hormone-based pharmaceuticals



Deise Vimaana Santos de Souza Simões, João Fábio de Freitas and Andressa da Silva Sandi

  <https://doi.org/10.56238/sevened2024.006-024>

.....295-300

Integrative review on the investigation of knowledge and adherence to contraceptive methods in young adults



Mariana Gomes de Lima, Luana Mendonça Marques Ramos Bueno, Isamara Alves dos Santos, Ana Laura Orsi, João Pedro Lima Vaz de Almeida, Maria Vitória Santos Assunção Costa, Sofia Caroline Cavalcante Rocha, Sonara Santos Miranda, Osvaldo Gonsalves Barbosa Júnior, Maykon Jhuly Martins de Paiva, Walmirton Bezerra D'Alessandro and Aline Almeida Barbaresco D'Alessandro

  <https://doi.org/10.56238/sevened2024.006-025>

.....301-306

Cardiovascular risk factors in patients of diabetes mellitus – Integrative review



Layra Eugenio Pedreira, Mariana Gomes de Lima, Gabriel Santos Farias, Caroline Priscila Furlanetto, Ana Laura Orsi, João Pedro Lima Vaz de Almeida, Angelly Bernardo de Sousa Filho, Yhasmin Fernandes Oliveira, Maria Vitória Santos Assunção Costa, Sonara Santos Miranda, Rodrigo Rodrigues da Silva and Aline Almeida Barbaresco D'Alessandro

  <https://doi.org/10.56238/sevened2024.006-026>

.....307-313

Integrative analysis of the impact of artificial intelligence in the early diagnosis of gastrointestinal diseases



Angelly Bernardo de Sousa Filho, Mariana Gomes de Lima, Sofia Caroline Cavalcante Rocha, Luana Mendonça Marques Ramos Bueno, Isamara Alves dos Santos, Gabriel Santos Farias, Caroline Priscila Furlanetto, Yhasmin Fernandes Oliveira, Raimundo Celio Pedreira, Sávía Denise Silva Carlotto Herrera, Aline Almeida Barbaresco D'Alessandro and Walmirton Bezerra D'Alessandro

  <https://doi.org/10.56238/sevened2024.006-027>

.....314-324

Robotic surgery in patients with colorectal cancer: Techniques and benefits - Integrative review



Manuela Reis Fonseca de Araújo, Marcos Kiyoshi Hirata Miranda, Daniel Salomão Queiroz Paula, Isabelle Rodrigues Araújo, Stela Pires Azevedo Soares, Layra Eugenio Pedreira, Maykon Jhuly Martins de Paiva, Sávía Denise Silva Carlotto Herrera, Aline Almeida Barbaresco D'Alessandro and Walmirton Bezerra D'Alessandro

  <https://doi.org/10.56238/sevened2024.006-028>

.....325-339

Facilitating digital access: Development of an economically viable assistive device to assist people with upper limb dysfunction in the use of smartphones



Emilly Oliveira Sales, Flávio Roberto Pereira Tavares, Mário Ferreira Prist, Milena do Socorro Pereira Paula and Jorge Lopes Rodrigues Junior

  <https://doi.org/10.56238/sevened2024.006-029>

.....340-352

Pancreatic cancer detection with self-expanding ART fuzzy neural network online training



André Luiz Caliari Costa, Reginaldo José da Silva, Mara Lúcia Martins Lopes and Angela Leite Moreno

  <https://doi.org/10.56238/sevened2024.006-030>

.....353-367

The role of society in public leisure spaces: An experience report



Silvia Borges

  <https://doi.org/10.56238/sevened2024.006-031>

.....368-376

The social participation of workers in the national workers' health policy: Construction process, advances and challenges



Tatiana Ferraz Carvalho, Elaize Maria Gomes de Paula, Ana Cláudia de Melo Araújo, Matheus Henrique Souza Alves, Gabriel Vieira Ribeiro and Letícia Alves Carvalho

  <https://doi.org/10.56238/sevened2024.006-032>

.....377-388

Anxiety and its relationship with the integrative practice of aromatherapy


Priscila Santos Leal, Wylma Danuzza Guimarães Bastos, Maria Heloysa Oliveira Félix, Maria Eduarda Pereira de Lima, Maria Valquiria dos Santos, Milena Esteffany Alves dos Santos and Karina Perreli Randau

  <https://doi.org/10.56238/sevened2024.006-033>

.....389-397

Non-pharmacological therapeutic approaches for the treatment of insomnia: An integrative review


Daniel Salomão Queiroz Paula, Maria Clara Borges Toledo, Mariana Eduão Ferreira França, Talliane Maciel de Oliveira Teixeira, Tássia Barros Guimarães Falcão, Vinícius da Fonseca Prestes, Walmirton Bezerra D'Alessandro, Sávia Denise Silva Carlotto Herrera, Maykon Jhuly Martins de Paiva and Aline Almeida Barbaresco D'Alessandro

 <https://doi.org/10.56238/sevened2024.006-034>

.....398-408

Cultural analysis of parents in the exercise of metapar-enting: An integrative review


Mirna Albuquerque Frota, Victoria Hellen Silva Gonçalves, Maraysa Costa Vieira Cardoso, Marília Nunes Fernandes, Evanice Avelino de Souza and Thiago Medeiros da Costa Daniele

 <https://doi.org/10.56238/sevened2024.006-035>

.....409-419

Emergency room search for non-urgent patients: Literature review

Marco Antonio Schueda, Debora Endler Simioni, Gabriela Manhães de Oliveira Cavalcante, Guilherme Wengenoski, Karenn Eduarda Barbosa and Marcella Sescatto

 <https://doi.org/10.56238/sevened2024.006-036>

.....420-427