

improvised medicine providing care in extreme environments

Improvised Medicine Providing Care in Extreme Environments: Adaptation and Ingenuity in Crisis

improvised medicine providing care in extreme environments is a fascinating and vital topic, especially as more people venture into remote locations, disaster zones, or conflict areas where traditional medical resources are limited or unavailable. Whether in the wilderness, during natural disasters, or in war-torn regions, the ability to deliver effective medical care with limited supplies and equipment often spells the difference between life and death. This practice requires creativity, resourcefulness, and a deep understanding of medical principles to adapt everyday items into lifesaving tools and treatments.

In this article, we'll explore how improvised medicine is practiced in extreme environments, the challenges faced by caregivers, and practical tips for those who might find themselves in situations where conventional medical help is not an option. We'll also look at some real-world examples and discuss how training and preparation can make improvised care more effective.

Understanding the Need for Improvised Medicine in Harsh Conditions

When we think about medical care, we usually imagine well-equipped hospitals and clinics with advanced technology. However, in extreme environments—such as remote wilderness areas, disaster zones, or military combat zones—medical practitioners often lack access to these resources. This is where improvised medicine providing care in extreme environments becomes crucial.

Improvised medicine is essentially the art of using whatever resources are available to treat injuries and illnesses. This might involve turning a piece of clothing into a bandage, using sticks as splints, or even repurposing household items to create makeshift medical tools. The goal is to stabilize the patient and prevent further harm until proper medical care becomes accessible.

The Challenges of Medical Care in Extreme Settings

Caring for patients in extreme environments presents unique challenges:

- **Limited Medical Supplies:** Standard equipment, sterile dressings, and medications may be scarce or nonexistent.

- **Environmental Hazards:** Extreme temperatures, rough terrain, and exposure to elements complicate treatment.
- **Lack of Sterility:** Maintaining hygiene and preventing infection is difficult without clean water or sterilization tools.
- **Communication Barriers:** Remote locations may lack reliable communication to summon help or consult specialists.
- **Psychological Stress:** Both patients and caregivers may experience heightened stress, impacting decision-making.

Understanding these obstacles helps in preparing for and effectively implementing improvised medical techniques.

Core Principles of Improvised Medicine Providing Care in Extreme Environments

Before diving into specific improvisation techniques, it's important to grasp some foundational principles that guide care in these situations.

1. Prioritize Patient Stabilization

The first priority is always to stabilize the patient. This includes maintaining airway, breathing, and circulation—often abbreviated as the ABCs in emergency medicine. Even with improvised tools, ensuring the patient can breathe and is not bleeding uncontrollably is essential.

2. Use What You Have Wisely

Improvised medicine is about resourcefulness. Items like clothing, plastic bottles, sticks, and even natural materials can be repurposed. For example, a clean shirt can become a tourniquet or a sling, and plastic wrap can be used as a barrier dressing.

3. Minimize Infection Risks

Infection is a major risk when sterile equipment isn't available. Cleaning wounds with boiled or purified water, using antiseptic plants when available, and covering wounds with clean materials can reduce infection chances.

4. Document and Monitor

Keeping track of the patient's condition, treatments applied, and any changes

is important, especially when transferring care later. Even simple notes can provide valuable information.

Practical Techniques and Tools in Improvised Medicine

Let's look at some common scenarios and how improvised medicine providing care in extreme environments can be applied.

Improvised Bandaging and Wound Care

Wound management is critical to prevent infection and promote healing.

- **Using Clothing as Bandages:** Torn strips of clean fabric can be used to wrap wounds. If possible, wash and boil fabric beforehand to increase cleanliness.
- **Creating Pressure Dressings:** To control bleeding, fold fabric multiple times and apply firm pressure over the wound.
- **Plastic Wrap as a Moisture Barrier:** Plastic from bags or wrap can cover wounds to keep them moist and protected from dirt.
- **Natural Antiseptics:** Some plants, like aloe vera or honey (if available), have antimicrobial properties and can be used cautiously for wound care.

Splinting Broken Bones

Immobilizing fractures is essential to prevent further injury.

- **Using Sticks or Paddles:** Straight sticks, branches, or even rolled-up magazines can serve as splints.
- **Padding Materials:** Clothing, leaves, or moss can provide cushioning between the splint and skin.
- **Securing the Splint:** Strips of fabric, shoelaces, or belts can tie the splint in place, ensuring it's snug but not cutting off circulation.
- **Check Circulation:** After splinting, check the injured limb for color, warmth, and sensation to avoid complications.

Managing Shock and Hypothermia

Shock and hypothermia are common in extreme environments.

- **Improvised Blankets:** Use clothing, sleeping bags, or even large leaves

to insulate the patient.

- **Elevate Legs:** If shock is suspected, elevating the legs can help improve circulation.
- **Keep Patient Hydrated:** If safe water is available, encourage small sips to maintain hydration.
- **Warm Liquids:** If possible, warm beverages can also help prevent hypothermia.

The Role of Training and Preparedness in Improvised Medical Care

While improvisation requires creativity, it's not about guessing blindly. Training in emergency first aid, wilderness medicine, or tactical combat casualty care equips individuals with the knowledge to make sound decisions under pressure.

Why Training Matters

- **Understanding Anatomy and Physiology:** Knowing how the body works helps in prioritizing injuries and treatments.
- **Learning Improvisation Techniques:** Hands-on practice with improvising splints, bandages, and other tools builds confidence.
- **Recognizing Limitations:** Knowing when improvised care is sufficient and when evacuation is necessary can save lives.
- **Psychological Preparedness:** Training reduces panic and improves decision-making in stressful situations.

Essential Items to Include in Your Kit

Even when planning for extreme environments, carrying a well-stocked first aid kit tailored to your activities is invaluable. Consider including:

- Sterile dressings and bandages
- Antiseptics and antibiotic ointments
- Splinting materials like SAM splints or aluminum strips
- Tourniquet
- Basic medications (pain relievers, antihistamines)
- Multipurpose tools (scissors, tweezers, knives)
- Water purification tablets

These items can dramatically improve the effectiveness of improvised medicine providing care in extreme environments.

Real-World Examples of Improvised Medicine in Action

History and recent events provide inspiring examples of improvised medical care saving lives.

- **Wilderness Rescues:** Hikers stranded for days have fashioned splints from branches and used clothing to stop bleeding.
- **Disaster Relief:** After earthquakes or hurricanes, survivors and responders use debris and household items as medical tools.
- **Military Field Medicine:** Soldiers in combat zones often rely on improvised tourniquets and dressings until evacuation.

Such stories underscore the human capacity to adapt and survive even when standard medical resources are out of reach.

Final Thoughts on Improvised Medicine Providing Care in Extreme Environments

Improvised medicine providing care in extreme environments is a testament to human ingenuity and resilience. Whether you're an outdoor enthusiast, a first responder, or someone interested in survival skills, understanding how to adapt medical care using available resources is invaluable. It's about being prepared, staying calm, and using knowledge and creativity to help those in need when the situation demands it most.

By embracing these principles and continuing to learn, anyone can become better equipped to face medical emergencies beyond the walls of a hospital. In the end, it's the ability to act decisively and resourcefully that often makes all the difference.

Frequently Asked Questions

What is improvised medicine in extreme environments?

Improvised medicine in extreme environments refers to the practice of providing medical care using limited resources, unconventional tools, and creative techniques when standard medical facilities and supplies are unavailable.

What are common challenges faced when providing

improvised medicine in extreme environments?

Common challenges include limited supplies, lack of sterile equipment, harsh environmental conditions, difficulty in evacuating patients, and the need for quick decision-making with incomplete information.

What are essential skills for healthcare providers in extreme environments?

Essential skills include adaptability, knowledge of basic and advanced first aid, ability to improvise medical tools, understanding of environmental hazards, and strong problem-solving and communication abilities.

How can one sterilize medical equipment when standard sterilization methods are unavailable?

Improvised sterilization methods include boiling instruments in water for at least 20 minutes, using fire to heat metal tools until red-hot, or applying alcohol or iodine solutions to disinfect surfaces.

What materials can be used to create improvised splints or bandages?

Materials such as sticks, cardboard, clothing, belts, scarves, or any rigid and clean items can be used to create splints. Bandages can be improvised using strips of cloth, shirts, towels, or any clean fabric.

How can improvised medicine address infections in remote or extreme environments?

Infections can be managed by cleaning wounds thoroughly with clean water, applying antiseptics if available, using improvised dressings to keep wounds clean and dry, and administering antibiotics if accessible or evacuating the patient for advanced care.

What role does mental health care play in improvised medicine in extreme environments?

Mental health care is crucial as patients and providers may experience stress, anxiety, or trauma. Providing psychological support, reassurance, and maintaining calm can improve outcomes and help individuals cope with difficult situations.

How can environmental factors like extreme cold or

heat impact improvisation in medical care?

Extreme temperatures can affect patient stability, wound healing, and the effectiveness of improvised materials. Providers must take precautions to prevent hypothermia or heatstroke, protect wounds from environmental exposure, and adapt materials for insulation or cooling as needed.

Are there any recommended training programs for learning improvised medicine techniques?

Yes, organizations such as Wilderness Medical Society, Red Cross, and various survival and outdoor medicine courses offer training in improvised medicine, wilderness first aid, and providing care in extreme environments.

Additional Resources

Improvised Medicine Providing Care in Extreme Environments: Challenges and Innovations

Improvised medicine providing care in extreme environments represents a critical area of medical practice that demands ingenuity, adaptability, and resourcefulness. Whether in remote wilderness, disaster zones, war-torn regions, or space missions, healthcare professionals and even laypersons often face situations where conventional medical supplies and infrastructure are unavailable or severely limited. This reality necessitates the use of improvised materials, techniques, and protocols to deliver essential care and stabilize patients under conditions that defy standard clinical settings.

The concept of improvised medicine in extreme environments intersects with fields such as wilderness medicine, tactical medicine, disaster response, and humanitarian aid. It challenges medical providers to rethink conventional approaches to wound management, infection control, trauma stabilization, and pharmacological treatment. By analyzing the strategies and innovations employed in these contexts, one gains insight into how medical care adapts to constraints imposed by geography, climate, supply scarcity, and urgency.

Understanding the Scope of Improvised Medicine in Extreme Conditions

Extreme environments are characterized not only by their physical remoteness but also by environmental stressors such as temperature extremes, altitude, limited access to clean water, and absence of electricity or sterile facilities. These factors complicate both the diagnosis and treatment of injuries or illnesses. Improvised medicine providing care in extreme environments thus refers to the deliberate modification or substitution of standard medical practices using available materials in order to meet the

immediate health needs of patients.

For instance, in remote mountain expeditions where conventional splints or bandages are unavailable, rescuers may fashion immobilization devices from sticks, clothing, or backpacks. Similarly, in combat zones with limited surgical supplies, medics might repurpose everyday items to control bleeding or maintain airway patency. The ingenuity required extends beyond physical materials to include mental preparedness, triage skills, and improvisational problem-solving.

Historical and Contemporary Contexts

Historically, improvised medicine has played a pivotal role in military campaigns, exploration, and disaster response. During World War I and II, field medics often had to adapt to severe shortages, relying on makeshift tourniquets or scavenged antiseptics. In present-day conflict zones and natural disasters, such as the aftermath of earthquakes or hurricanes, healthcare providers routinely confront shortages of sterile dressings, antibiotics, and advanced diagnostic tools.

Contemporary examples include the improvised ventilators designed during the COVID-19 pandemic when demand outpaced supply, or the use of household items like plastic bottles and duct tape to construct splints or oxygen delivery systems in remote clinics. In space exploration, medical interventions must often be improvised due to the impossibility of carrying extensive medical supplies, emphasizing the importance of versatile, multipurpose tools and protocols.

Key Challenges in Improvised Medical Care

Improvised medicine providing care in extreme environments entails several inherent challenges that influence outcomes:

- **Resource Scarcity:** Lack of sterile equipment, pharmaceuticals, or diagnostic devices limits treatment options and increases infection risks.
- **Environmental Constraints:** Harsh weather, uneven terrain, and limited shelter complicate care delivery and patient transport.
- **Limited Personnel and Expertise:** Often, medical personnel are few, and responders may include non-professionals with minimal training.
- **Psychological Stressors:** Both patients and caregivers operate under heightened stress, impacting decision-making and procedural accuracy.

- **Communication Barriers:** Isolation and lack of connectivity hinder consultation with specialists or evacuation coordination.

Addressing these challenges requires a combination of pre-deployment training, innovative use of available materials, and flexible protocols tailored to the environment.

Adaptive Techniques and Materials

One of the defining features of improvised medicine is the creative adaptation of common items to fulfill medical functions. Examples include:

- **Wound Care:** Using clean cloths, plastic sheets, or even natural materials like honey as antimicrobial agents when conventional dressings or antibiotics are absent.
- **Immobilization:** Crafting splints from sticks, cardboard, or rolled magazines secured with shoelaces, tape, or strips of fabric.
- **Airway Management:** Employing rigid objects as makeshift oropharyngeal airways or using plastic tubing to maintain patency.
- **Fluid Administration:** Using improvised containers or syringes fashioned from available materials for hydration or medication delivery.
- **Thermoregulation:** Utilizing insulating materials like blankets, leaves, or clothing layers to prevent hypothermia or heat injury.

These adaptations highlight the importance of cross-disciplinary knowledge, including survival skills and an understanding of basic medical principles.

Training and Preparedness for Improvised Care

Given the unpredictability of extreme environments, specialized training programs have emerged to equip responders with the skills necessary for improvised medicine providing care in extreme environments. Wilderness medicine courses, tactical combat casualty care (TCCC) training, and disaster medicine workshops emphasize:

1. Assessment techniques that prioritize life-saving interventions under resource limitations.

2. Improvisation skills using common items for splinting, wound closure, and airway management.
3. Preventive measures to reduce infection and complications in austere settings.
4. Psychological first aid to support patients and maintain responder resilience.
5. Decision-making frameworks to balance risks and benefits when standard care is unattainable.

The increasing availability of simulation-based training and virtual reality tools further enhances preparedness by replicating extreme conditions and forcing rapid adaptation.

Technological Innovations Supporting Improvised Medicine

Technology is playing a growing role in augmenting improvised medical care. Portable diagnostic devices, such as handheld ultrasound machines and point-of-care blood analyzers, dramatically expand capabilities in remote environments. Additionally, 3D printing technology enables the on-site fabrication of custom splints, surgical tools, or prosthetic components using raw materials.

Mobile applications provide step-by-step guidance for emergency procedures, drug dosing calculators, and communication platforms to connect field personnel with remote experts. Solar-powered sterilizers and water purification units reduce infection risks and improve sanitation. These innovations, while often developed for extreme settings, have influenced mainstream healthcare by promoting resource efficiency and adaptability.

The Ethical and Practical Considerations

While improvised medicine providing care in extreme environments is often lifesaving, it also raises ethical and practical concerns. The absence of ideal equipment and sterile conditions increases the risk of complications, and decisions to improvise must balance potential benefits against harms. Informed consent may be difficult to obtain in emergencies, and responders must navigate uncertainty with limited information.

Furthermore, reliance on improvised methods underscores global health disparities and the need for improved supply chains and infrastructure in vulnerable regions. However, the knowledge gained through improvised care

often contributes to broader medical advancements and resilience-building.

Case Studies Illustrating Improvised Medicine

- **Mountaineering Expeditions:** Climbers facing frostbite or fractures have used makeshift splints and improvised hypothermia prevention techniques to survive until evacuation.
- **Disaster Relief Operations:** After the 2010 Haiti earthquake, responders frequently adapted local materials to provide wound care and triage in overwhelmed field hospitals.
- **Military Field Medicine:** Combat medics routinely use improvised tourniquets and dressings to control hemorrhage under fire and resource scarcity.
- **Space Missions:** Astronauts train for medical contingencies using limited supplies, necessitating creativity for procedures like wound closure or infection control.

These examples demonstrate the universality of improvised medicine principles across vastly different extreme environments.

Improvised medicine providing care in extreme environments remains a testament to human ingenuity and adaptability. As global challenges such as climate change, geopolitical conflicts, and exploration push healthcare beyond traditional boundaries, the ability to deliver effective, resourceful medical care under austere conditions becomes increasingly vital. Continuous research, training, and technological development will further empower responders to confront these challenges while safeguarding patient outcomes.

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anesthesia and airway management, dentistry, gynecology/obstetrics, infectious disease/laboratory diagnosis, internal medicine, otolaryngology, pediatrics and malnutrition, orthopedics, psychiatry, and surgery. Also includes basic disaster communication techniques, post-disaster forensics, a model hospital disaster plan, and innovative patient-transport methods. LEARN HOW TO: Make an endotracheal tube in seconds Perform digital-oral and blind-nasotracheal intubations Make plaster bandages for splints/casts Give open-drop ether, ketamine drips, and halothane Use subcutaneous/intraperitoneal rehydration/transfusion Make ORS and standard nutrition formulas Clean, disinfect, and sterilize equipment for reuse Warm blood units in seconds inexpensively Take/view stereoscopic x-rays with standard equipment Quickly and easily stop postpartum hemorrhage Fashion surgical equipment from common items Evacuate patients easily for high-rise hospitals Make esophageal and precordial stethoscopes Quickly improvise a saline lock Make ECG electrode/defibrillator pads and ultrasound gel

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postpartum hemorrhage ·Fashion surgical equipment from common items ·Build an evaporative refrigerator ·Make esophageal and precordial stethoscopes ·Quickly improvise a saline lock ·Make ECG electrode/defibrillator pads and ultrasound gel ·Evacuate patients easily from high-rise hospitals

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improvised medicine providing care in extreme environments: GENEVO UNIVERSE - 3.1C Augustin Ostace, 2025-02-04 The introduction to GENEVO UNIVERSE - 3.1C, is a profound synthesis of Poetry - Philosophy - Theology, demands the highest level of Artificial Intelligence (AI) creativity! Thus, we have structured a presentation of multiple triads: GENEVO UNIVERSE - 3.1A (111 stanzas) GENEVO SAPIENSIS - 3.1B (111 stanzas) GENEVO UNIVERSE - 3.2A (222 stanzas) GENEVO SAPIENSIS - 3.2B (222 stanzas) GENEVO UNIVERSE - 3.3A (333 stanzas) GENEVO SAPIENSIS - 3.3B (333 stanzas) Each electronic book (E-Book) from the GENEVO UNIVERSES (1, 2, 3 / A) and GENEVO SAPIENSIS (1, 2, 3 / B) will be available in seven different languages: English, German, Romanian, French, Italian, Spanish, and Latin! To establish a human equivalence to the remarkable rise of Artificial Intelligence, the author, in co-authorship with this Techno-Sapiens, will advance and enhance the GENEVO UNIVERSE through a synergetic (SYN) process, thus giving birth to the next triad: SYNGENEVO UNIVERSE - 4.3 (444 stanzas) SYNGENEVO UNIVERSE - 5.3 (555 stanzas) SYNGENEVO UNIVERSE - 6.3 (666 stanzas) This unique form of poetry, or Sapiento-Poesy, both in its theoretical and practical epistemology, philosophy, and theology, will never reach an endpoint. It reshapes the literary and philosophical landscape, turning poetry itself into a true vector of knowledge, axiology, and Neo-Techno-Humanity! For now, we must impose a temporary limit on our Poetosophic initiatives at 666 stanzas (SYNGENEVO UNIVERSE - 6.3). However, within this

unpredictable cybernetic space-time-causality, any expansion toward higher limits remains entirely conceivable and rational! Thus, let us begin with GENEVO UNIVERSE - 3.1C (English version)!

Cybernetic Author of E-Poetry Co-Author of Cybers Space-Time Poetosophy

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improvised medicine providing care in extreme environments: Travel and Adventure

Medicine, An Issue of Medical Clinics of North America Paul S. Pottinger, Christopher A. Sanford, 2016-03-17 This issue of Medical Clinics of North America, guest edited by Paul S. Pottinger and Christopher A. Sanford, is devoted to Travel and Adventure Medicine. Articles in this issue include: Immunizations; Malaria; Personal Protection Measures; Traveler's Diarrhea; Urban Medicine and Trauma; Care of the Healthcare Provider; Evaluation of the Ill Returned Traveler; The Ethics of Medical Volunteerism; High-Altitude Medicine; Dive Medicine; Wilderness Medicine, Including First Aid & Hypo/Hyperthermia; The Medical Kit; Adventure Sports: Spelunking, water exposures; and Resources for the Provider and Opportunities in Further Training in Travel and Adventure Medicine.

improvised medicine providing care in extreme environments: Sanders' Paramedic

Textbook Mick J. Sanders, Kim McKenna, American Academy of Orthopaedic Surgeons (AAOS),, 2024-01-17 Featuring current print and digital content, engaging illustrations and photos, and accessible technology, Sanders' Paramedic Textbook, Sixth Edition Premier Package with Flipped Classroom provides comprehensive resources and spurs critical thinking for paramedic students. The new edition has been reviewed and endorsed by the American Academy of Orthopaedic Surgeons (AAOS) and the National Association of EMS Physicians (NAEMSP), and its content meets or exceeds the scientific recommendations by the International Liaison Committee on Resuscitation (ILCOR) and is consistent with the ECC Guidelines as established by the American Heart Association and other resuscitation councils around the world. Sanders' robust resources for educators and students deliver teaching and learning solutions to best fit educators' unique classroom needs. Its single volume provides portability to learners while limiting repetition of content, and its inclusion of detailed anatomy and physiology negate the need for additional reference texts. Even more, its emergency drug index incorporates detailed drug information in an easy-to-find location. Developed by a renowned team of authors, Sanders' Paramedic Textbook, Sixth Edition Premier Package with Flipped Classroom provides a comprehensive training program and curriculum to prepare students for long-term success in the field and focuses on inclusion and diversity to engage every student. Interested to hear what paramedic instructors and program coordinators think about the Sixth Edition? Check out the reviews below from three of our early textbook reviewers: Bill Comella, Chris McLaughlin, and Michael Simon. Review - Bill Comella, Paramedic Program Coordinator &

Instructor at Monroe Community College
 Review - Chris McLaughlin, Chief Resident, General Surgery, Penn State Hershey Medical Center
 Review - Michael Simon, Enterprise EMS Education Manager at Cleveland Clinic
 What's new in the Sixth Edition:
 Updated discussion of core EMS guidelines, including EMS Agenda 2050, the National EMS Scope of Practice Model 2019, and the 2021 National EMS - Education Standards
 Expanded discussion of paramedic well-being and mental health, including self-care, injury prevention, stress management, resilience, avoidance of compassion fatigue, and suicide prevention
 Emphasis on current spinal motion restriction guidelines
 Updated descriptions and discussions of medications, including analgesics, sedative-hypnotics, push-dose drugs, and medications used in fibrinolytic therapy and the management of diabetes
 Inclusion of special considerations for geriatric and pediatric patients
 New insights on evolving topics, such as diagnostic testing methods and use of analgesics for abdominal pain
 New guidance to ensure personal safety when responding to behavioral emergencies
 Increased focus on cultural awareness, advice on avoiding implicit and explicit biases, and guidance on using gender-sensitive language
 Sanders' Paramedic Textbook, Sixth Edition Premier Package with Flipped Classroom includes the following resources:
 Print textbook
 Audiobook
 eBook
 Instructor Guide
 Assessments
 Learning Objectives
 Slides
 Lecture Outlines
 Case Study Slides
 Simulation Training
 Support and Scenarios document
 Skill Videos
 Active Learning Activities
 Lesson Plans
 Practice Activities
 TestPrep
 Flashcards
 Simulations (Soft-Skill Simulations; First Responder Resiliency and Support Simulations)
 Interactive Lectures
 Virtual Ride-Alongs
 Lesson Guides
 © 2025 | 2200 pages

improvised medicine providing care in extreme environments: Sanders' Paramedic Textbook includes Navigate Advantage Access
 Mick J. Sanders, Kim McKenna, American Academy of Orthopaedic Surgeons (AAOS), 2018-08-31
 Sander's Paramedic Textbook, Fifth Edition reflects the 2015 ECC and CPR guidelines and meets and exceeds the National EMS Education Standard for the Paramedic level. Based on current medical evidence and written at a level that elicits higher-order thinking, the Fifth Edition provides a comprehensive learning tool for paramedic students and a reliable desk reference for emergency physicians.

improvised medicine providing care in extreme environments: Survival Medicine Scenarios
 Jack X. Wilder, 2025-08-17
 Survival Medicine Scenarios: Practical Emergency Survival Medicine for Disaster Preparedness, First Aid, and Crisis Response in Any Situation
 When disaster strikes and hospitals are closed, will you know what to do? In a world where professional medical help may be hours, days, or even weeks away, Survival Medicine Scenarios is your ultimate guide to managing real-world emergencies with confidence. Written by survival expert Jack X. Wilder, this essential handbook delivers step-by-step strategies to help you take control during medical crises in both urban disasters and remote wilderness settings. From treating bullet wounds and broken bones to stopping deadly infections without antibiotics, this book provides clear, practical instructions for responding to the most critical injuries and illnesses when no one else is coming to help. With realistic scenarios, actionable solutions, and proven field techniques, you will gain the skills to protect yourself and your loved ones in any crisis. Inside, you will learn:
 • How to control bleeding, perform CPR, and manage shock
 • When to use a tourniquet—and when not to
 • How to treat burns, fractures, and dislocations in the field
 • The best natural antiseptics and remedies for infection control
 • How to handle dental emergencies, chronic illnesses, and abscesses without modern care
 • Ways to build a long-term survival medical plan for your family
 • The mindset you must develop to stay calm and focused during chaos
 Whether you are preparing for natural disasters, civil unrest, wilderness emergencies, or long-term grid-down scenarios, Survival Medicine Scenarios equips you with the life-saving knowledge that could mean the difference between survival and tragedy. When help is no longer an option, preparation is everything. Learn the skills. Master the mindset. Save lives.

improvised medicine providing care in extreme environments: ENS HUNGARY - 2
 Augustin Ostace, 2023-10-17
 WATCHWORD ...What really means ENS HUNGARY? There is a BEING OF HUNGARY? Or an ENS of Hungary? A maximal generalities of Hungary History, as Being Hungary, as ENS Hungary? A synthesis of Eurasia history, of wandering and settlement of a people,

of a folk, of a nation, through which the history is meeting the history itself, overlapping into a dimension of destiny! Generally speaking, Yes! The ENS itself is a Being coming from Sapiens, being the last syllable out of three syllabic SA-PI-ENS! Therefore, ENS HUNGARY is an essence and existence of Hungary, as country, as nation, as folk, as land, as aspiration, as hopes, as destiny, as endlessly dramatic events undergone within its own history and historiology, confronting adversities over adversities, for its own recognition into European and World existence!! Once again, it is to underline Ens Hungary through its own Hungary, by allowing thus to an individual (the present author), to be placed inside of events and dramas of Hungary as Being of Hungary, as Ens Being of Hungary, exploring and reexploring the destiny of this country-land out of Eastern and Central Europe! ...But, we are under pressure in rethinking and um - thinking of the whole of the European Union history and historiology, after big waves of union's earthquakes, by mentioning here the big financial crisis between 2008-2010, or the Brexit of Great Britain, an embittered fought inside of the European Union between the years 2016 and the present year of 2023, by underlining here, the critical relationship of Hungary with European Union... ...It is not mentioned here the waves of migrants in the last twenty years towards European Union, with Hungary in opposition standpoint, or Corona dramas - waves, by mentioning here the Hungarian Nobel price research Katalin Korika from Budapest, who has great results on mtMitochondrion! By retaking de Corona dramas, through which a world of social pathology is accompanied and enhanced by a dramatic pandemic's world of biologic pathology, this one being one of the worst issues of viral disease, out-breaking in the year 2020, having catastrophic consequences over European Union in its totality... ...Also, we will remake another configuration of the initial CONSTITUTION OF EUROPE (with Hungary - in fight - for - national proud), written and rewritten published and republished with about 15 years ago, resembling a parallel dialectical becoming between a finisher and a re-finisher in constitution or between an influencer and re-influencer in social sciences... Terminology of different constitutions will be different in their substance and their semantics and meaning, reflecting the difference in temporality and creativity of the author, but the basic principles of ethics and morality are into the both constitutions, the sameness... If European Union (enhanced with controversial Hungary), needs a constitution, then, European Union must know very well the history of Europe itself, must know their inhabitants, the native, the people and the citizens of Europe, (including those of Hungary), including the science and technology of Europe (including those coming from Hungary), including the art and religions of Europe (without to underestimate Hungary), including the geography and demography of Europe (an European Hungary), since the oldest times of Upper Paleolithic, of Neolithic, of Antiquity, of Middle Age, of Renaissance, of Enlightenment, of Modern Times and of present Third Millennium Times, all in detail, all in reality, all in morality and rationality, including here the ideologies, the irrationality and tragedies of Europe (including here Hungary), culminating in 20th century, with two world wars (with Hungary into the middle of tragedies)... More than that, our Constitution of European Union is desired to be and to become, a pilot project in searching and researching in anthropo-sapientology, a vector of axiological and epistemological substance in knowledge and discoveries, in theology and psychologies, without to avoid Hungary... ...It is the first time in Human Known History and Historiology (as logos of history, as reasoning of history, as wisdom of history), when, a Constitution is becoming also a vector of knowledge, an epistemological vector, sensing and re-sensing a searching and researching study - project in Antropos-Sapientology, finally, a form of concrete axiology - in - motion - and - emotion, a substantial gnoseology, having an explicit and implicit proper function of ethnology - in - oneself, for oneself and through oneself, through which Hungary is looking at its own history and historiology, regaining itself out of earthquakes of history... ...A country, a nation, a folk, a people, needs to be studied in its deep structures of ethnology and history, of its difficulties and adversities throughout its own history, without to be condemn without of being aware about its own philosophical, psychological and theological structures and substructures... ...A country, a nation, a folk, a people, needs to be understood in its own traditionally characteristics, by rethinking everything in its history and historiology, which is the core issue, regarding these set of four On Line books, named ENS

HUNGARY!... Here's the ENS HUNGARY - 2!...

improvised medicine providing care in extreme environments: TRINITY IN SAPIENTO-ONCCOLOGY Augustin Ostace, 2025-06-06 "For the understanding and analysis in depth biology of this dramatic disease in Human Sapiens, it is necessary to be prepared not only in two or three of four generations of searchers and researchers, but to the entire existence and essence of the Species Sapiens as a wholeness of its Anatomy and Embryology, of its Physiology, of its Pathology, and subsequently, of its evolutionary and revolutionary of its Anatomy in Thinking, in Rethinking and in Creativity, as Anatomology and of its Anatom-Ontology! The Logos of Human - Sapiens - Anatomy and Ontology of the same Human - Sapiens - Anatomy, is interrelated by the SOPHOS of the Human - Sapiens - Anatomy, and this Trinity of LOGOSONTOSOPHOS, have made out this uniqueness of Genesis and Evolution (GENEVO) of Geology and Biology of Planetary Earth, by adding lastly to GENEVO also the powerful of Selection (Multi-polar Selection), i.e., the Selection acting and reacting at all levels of the organization of matter, naming here, Elementary Particles, Atoms, Biomolecules, Cell, Tissue, Organs, Organism... Therefore, one must say, that the concept of GENEVO (Genesis + Evolution), must be completed anytime and in any circumstances of searching and researching theoretical and practical, by the basic concept of Nature / Biology of the SELECTION (actually, the MULTIPOLARE SELECTION, i.e., repeating, the one acting and reacting at all level of a living integrated system, of Elementary Particles, of Atom, of Molecule, of Cell, of Tissue, of Organs and final of Organism), therefore GENEVO is becoming a GENEVOSEL! Through the triadic concept - o - logy of GENEVOSEL, it is possible to explain, at least theoretically, the Fine Tuning concept acting and reacting at all level of Matter, of Form and of Energy, as basic coefficient and constant in Cosmology and Biology and Sapient - o - logy alike... We assume that the Pathology of Oncology in Human Sapiens, into which any individuality, or any Human Being is totally subdued to its Species, therefore Human Being is also a Human Sapiens Being! This dramatic Tumour pathology, has been the battlefield of all battlefields in Human Sapiens Being pathology, overcoming by far all other pathologies of Human Sapiens through its dramatic consequences of high percentage of death - exitus, having the highest rate of life threatening disease for Human Sapiens Being! Also here, one must be specify, that while the ONCCOLOGY is the part of this terrible disease in Human Sapiens, the ONCCOSOPHY, is the wisdom of preventing and treatment of this monster - pathology, hitting merciless babies and young people, adults and old people! We are also, fully convinced, that even our Theoretical approach of this dramatic and tragic pathology in Human Sapiens Being, can open up its own chances of triad of Information - Inspiration - Intuition, within an Era of tetrad as Book Intelligence - Computer Intelligence - Internet Intelligence - Artificial Intelligence! We try to achieve a Symbiosis, or a SYMBIONTOSOPHY of triad and tetrad showing up of the above, by envisioning the possibility in reaching out also a THEORETICAL INTELLIGENCE into the very complicated and hyper-complex field of Oncology - Pathology in Human Sapiens Being! It is envisioned also, another level, another dimension and another determination of Epistemology in Human Pathology, another level, another dimension and another determination of Axiology in Human Pathology, by fighting for every letter of Inspiration and of Intuition, by rethinking every number and every sign of this dramatic alphabet of pain, of suffering and of desperation, one of the deepest hyper-stressing of Human Sapiens Being!... Also, the ideas, the concepts and terminology of THEORETICAL INTELLIGENCE IN ONCCOLOGY & ONCCOSOPHY (the wisdom of treating of Tumour Pathology), will be reflected in text, context and Video-text of Encyclopaedism and Neo-Encyclopaedism, by mirroring any kind of VIDEOLOGY & VIDEOSOPHY, in its static, dynamic or static - dynamic features! Even if our theoretical endeavour seems to be difficult to be perceived in Clinical Medicine, the author is deeply convinced in its assaulting of uncertainty and unknowns in Theoretical of Tumor Pathology... ..Perhaps, this realm of Theoretical Medicine is just an illusion, is just a dream, but the Almighty Creator of Life on Earth, will create particularly for me, in rewarding my daring... Theoretical Pathologist & Pathosophist

improvised medicine providing care in extreme environments: PROPHET IN ONCCOSOPHY Augustin Ostace, 2025-05-07 "For the understanding and analysis in depth biology

of this dramatic disease in Human Sapiens, it is necessary to be prepared not only in two or three of four generations of searchers and researchers, but to the entire existence and essence of the Species Sapiens as a wholeness of its Anatomy and Embryology, of its Physiology, of its Pathology, and subsequently, of its evolutionary and revolutionary of its Anatomy in Thinking, in Rethinking and in Creativity, as Anatomology and of its Anatom-Ontology! The Logos of Human - Sapiens - Anatomy and Ontology of the same Human - Sapiens - Anatomy, is interrelated by the SOPHOS of the Human - Sapiens - Anatomy, and this Trinity of LOGOSONTOSOPHOS, have made out this uniqueness of Genesis and Evolution (GENEVO) of Geology and Biology of Planetary Earth, by adding lastly to GENEVO also the powerful of Selection (Multi-polar Selection), i.e., the Selection acting and reacting at all levels of the organization of matter, naming here, Elementary Particles, Atoms, Bio - molecules, Cells, Tissues, Organs, Organism... Therefore, one must say, that the concept of GENEVO (Genesis + Evolution), must be completed anytime and in any circumstances of searching and researching theoretical and practical, by the basic concept of Nature / Biology of the SELECTION (actually, the MULTIPOLARE SELECTION, i.e., repeating, the one acting and reacting at all level of a living integrated system, of Elementary Particles, of Atom, of Molecule, of Cells, of Tissues, of Organs and final of Organism), therefore GENEVO is becoming a GENEVOSEL! Through the triadic concept - o - logy of GENEVOSEL, it is possible to explain, at least theoretically, the Fine Tuning concept acting and reacting at all level of Matter, of Form and of Energy, as basic coefficient and constant in Cosmology and Biology and Sapient - o - logy alike... We assume that the Pathology of Oncology in Human Sapiens, into which any individuality, or any Human Being is totally subdued to its Species, therefore Human Being is also a Human Sapiens Being! This dramatic Tumour pathology, has been the battlefield of all battlefields in Human Sapiens Being pathology, overcoming by far all other pathologies of Human Sapiens through its dramatic consequences of high percentage of death - exitus, having the highest rate of life threatening disease for Human Sapiens Being! Also here, one must be specify, that while the ONCCOLOGY is the part of this terrible disease in Human Sapiens, the ONCCOSOPHY, is the wisdom of preventing and treatment of this monster - pathology, hitting merciless babies and young people, adults and old people! We are also, fully convinced, that even our Theoretical approach of this dramatic and tragic pathology in Human Sapiens Being, can open up its own chances of triad of Information - Inspiration - Intuition, within an Era of tetrad as Book Intelligence - Computer Intelligence - Internet Intelligence - Artificial Intelligence, i.e., INTELLIGENTOLOGY - INTELLIGENTOLOGICUM - INTELLIGENTOLOGISMUS ERA! We try to achieve a Symbiosis, or a SYMBIONTOSOPHY of triad and tetrad showing up of the above, by envisioning the possibility in reaching out also a THEORETICAL INTELLIGENCE into the very complicated and hyper-complex field of Oncology - Pathology in Human Sapiens Being! It is envisioned also, another level, another dimension and another determination of Epistemology in Human Pathology, another level, another dimension and another determination of Axiology in Human Pathology, by fighting for every letter of Inspiration and of Intuition, by rethinking every number and every sign of this dramatic alphabet of pain, of suffering and of desperation, one of the deepest hyper-stressing of Human Sapiens Being!... Also, the ideas, the concepts and terminology of THEORETICAL INTELLIGENCE IN ONCCOLOGY & ONCCOSOPHY (the wisdom of treating of Tumour Pathology), will be reflected in text, context and Video-text of Encyclopaedism and Neo-Encyclopaedism, by mirroring any kind of VIDEOLOGY & VIDEOSOPHY, in its static, dynamic or static - dynamic features! Even if our theoretical endeavour seems to be difficult to be perceived in Clinical Medicine, the author is deeply convinced in its assaulting of uncertainty and unknowns in Theoretical of Tumor Pathology... ..Perhaps, this realm of Theoretical Medicine is just an illusion, is just a dream, but the Almighty Creator of Life on Earth, will create particularly for me, in rewarding my daring... Theoretical Pathologist & Pathosophist

improvised medicine providing care in extreme environments: SAPIENTOLOGY IN BIOMETAPHYSICS - 1 Augustin Ostace, 2023-07-07 ...It is possible to realize a synthesis between theoretic of a Symposium / Colloquium, regarding Inter-science of Molecular Medicine with Atom-o-logy and Concept-o-logy and its transferring in medical practices, as Personalized Medicine,

in its individuality and its generality?... ..It is possible to reward the contributions of thousands and thousands of seekers, or explorers, of surveyors, of searchers and researchers in Molecular Medicine, a truly inter-sciences of physics and biophysics, of biology, of physiology and pathology, regarding genesis of matter and energy, of stem cells miracles of the nature, of senescence, of oncology, of cloning, of dramatic Corona viruses in Long Covid pathologies, with Preclinical and Clinical Laboratories wide-spread throughout the world?... ..It is possible to achieve one of the greatest leap in present Biology through Molecular Medicine, as an outstanding engagements of this inter-sciences challenging, by rethinking the Cosmology and Astronomy, Atom-o-logy and Atom-ontology, of Geology and Biology through only one encyclopaedic synthesis, reuniting all sciences of the Sapiens through its own Sapient-o-logy?... ..It is possible at the beginning of the third decade of the Third Millennium (Anno Domini Era - ADE 2023) to reach out a Human Metaphysic Project (HMP), i.e., the Humanness Concept-o-logic Project, as a parallelism to the Human Genome Project (HGP), in the year of ADE 2000, which has been one of the biggest scientific achievement of humanity, in biological sciences, by conjugating technologies out of Biology, Astronomy, Computerology, Digital Technology, Artificial Intelligence (AIT), all included as a prophetic AVATAR - INDUSTRY (AVA - IND), i.e. the powerful development of humanity in responding to the dialectic and over-dialectic questions regarding: What is Universe? What is Life? What is the Man? What is Sapiens?... ..It is possible to envision an overview of all overviews of all scientific and inter-scientific Symposiums after the symbolic year of ADE 2000, in which all topics to be reanalysed into their RETOPICS, in which all abstract sessions to be re-seen in their REABSTRACT SESSIONS, in which all scientific books in Molecular Medicine to be read in their REBOOKINGSLOGOS, into which all world reviews and magazines of Molecular Medicine to be rewarded as REVIEWLOGOS?... ..It is possible to make a transfer from the triad-o-logy, In vivo - In vitro - In video (3VI) to the triad-o-logy of Classic Book (C-Book) - Electronic Book (E-Book) - Video Book (V-Book), by following the same topic, the same substance of inquiry, encountered into CMMC Symposium?... ..It is possible to avoid into the future the Corona tragedies with over 20 million deaths around the world, remembered by our book through a special chapter called "Requiem of Humanity"?... Yes! It is possible if: ...Aetiology of the human disease, its own Anamnesis, must be accompanied, must be sustained by the aetiology of Human Species, by the Anamnesis of Species Sapiens!... ..Preclinical - Clinical and Post - Clinical studies and results must be setting and resetting into equality in front of triad-o-logy: What we know? What is uncertain? What is unknown? ...Physiology, Pathology, Physiopathology, Morbidity and Co-morbidity in human, in generalized human and personalized human, must be approach through basic English, correlated by basic German Language, by basic Sanskrit, by basic Sinology and Arabic languages, without fear and prejudices! ...An interactive warning signal of pandemic disease to be available for all possessors and carriers of digital devices, and a World Media of Pathology to be get ready in announcing world population... ..A coalition of all kinds of technologies updated in weeks and months, whatever Computers Devices, Robotic Devices, Artificial Intelligence sensations, with Preclinical, Clinical and Post-clinical studies and experiences, without avoiding any endeavoured steps coming from theoretical speculative ideas and concepts... ..An imperative of changing a mono-dominance of English Language in national and international inter-sciences, by showing a necessary resilience and flexibilities towards another languages, as German Language (DENGLISH), as French Language (FRANGLAIS), as Spanish Language (SPANGLISH), as Sanskrit Language (SANSGLISH), as Chinese Language (SINOGLISH) and Arab Language (ARABIANGLISH)... ..Biology itself, its own Classical Biology (C - Biology), is to be re-seen and reanalysed through the triad of: Rational Biology - by following the discursive Logos in Biology (R - Biology) Phenomenological Biology - by following the Biology as phenomena of Natural Selection, Survival of the best, Struggle for existence, Multi-polar Evolution, Synergetic Evolution (P - Biology)... Noumenological Biology - assaulting the unassailable in Biology as Inter-Science of Sciences (N - Biology)... ..Introduction of new concepts in updating Evolution, as Multi-polar Evolution, as Synergetic Evolution, as Synthetic Evolution, enriching thus the initial theory of Evolution of Darwin and Wallace! ...A strong believe into young generation, in its

Shooting-stars, with background concepts as NOVUM, UPSTART, UPBEGINNING, with Online Biology, with Internet Biology, with Artificial Intelligence Biology, always in exploring, always in seeking, always in searching, always in researching, always by trying in overcoming of themselves... Sapientologist of CMMC Symposium

improvised medicine providing care in extreme environments: SECRET SAPIENS CODES -
1 Augustin Ostace, 2023-12-21 Why are not enough the first three AERA of our previous AERAS SYSTEMS, namely: AERA OF PHILOSOPHICAL SYSTEMS (AERA - 1) AERA OF SAPIENTOLOGICAL SYSTEMS (AERA - 2) AERA OF VIDEOLOGICAL SYSTEMS (AERA - 3) Being thus necessary a fourth thinkable and re-thinkable Creative System, the one of ARTIFICIAL INTELLIGENCE SYSTEM (AI), which in German Language is entitled as KÜNSTLISCHE INTELLIGENZ (KI), and both AI and KI are under the HYBRID INTELLIGENCE (of Human and Artificial alike or Biology encoded through Technology), re-encoded as HI! Therefore, all three signification, AI-KI-HI, are provable into the sameness extra enlargement of the Classic Human Brain (CHB), which is improved in seconds, in minutes and in hours by Abstract Developer / Entwickler of Human Sapiens (by using accordingly, English - Deutsch and Denglish! This impetus in development of technological systems more and more intelligent, more and more comprehensive, more and more diversified, more and more amplified, comprising here, at least for the time being, information, inspiration, intuition and initiation (Great Four IN-), widespread in areas of science, technology, industry (all three as SCITECH INDUSTRY), of art (ARSSAPIENS INDUSTRY), of Sport (SPORTSAPIENS INDUSTRY), by rethinking thus the Anthropology, the Sapientology, the Cosmology (including here the one of PERSONALISIERTE KOSMOLOGY), of astronomy, of geology and biology, into which all of them means ultimately, another bigger step in development of duality Human-Machine, or a duality of Human-Technology, including the branches of Human-Over-Human-Robotics, or Humanoid-Robotics all as SAPIENS INDUSTRY! The man itself, the human itself, the Sapient-o-Human development, its experiences, its visions, its outcomes, can make symbiosis with oneself, a crossing with its nature of creativity, within the nature-physis of endless philosophy, with tools out of stone, with tools out of bones, the tools out of hood, or of synthetic feature, underlining once again the TOOL - MAKER - MAN, as Homo Faber, or better says, Homo Faber Sapiens, by taking the SAPIENS LIBRARY, wherever He / She goes! But now, within the present data, out of its own virtual reality and creativity, all being improved by the man itself and the machine itself, which machine might in turn overcome the man, by confronting the man itself, by changing and challenging even the human itself, even the Human Sapient oneself in its own destiny and purposes... Could be or could become the Artificial Intelligence (AI / KI / HI) the source and resource, the roots of final ending of the Sapient as Species on the Earth? By taking into account all probabilities and possibilities of the present daily evolution and revolution of the hyper-complexity of Artificial Intelligence (AI / KI / HI), a recombination of the man itself with a machine created by the man itself, could develop a symbiosis of human-machine, which overcomes the Classic Species Sapiens (CSS), who dominated the life on Earth in the last of ca. 50.000 years, by entering within the Species Sapiens Techne (SST), into which the Sapiens still dominate the Universe of Technology, by reaching out in some area even the domination of Technology over Sapiens as TSS! In this way, within Artificial Intelligence (seen and analyzed Three Times Intelligence, i.e., AI-KI-HI, through English - Deutsch - Denglish), the letters themselves, the numbers themselves and the signs themselves, are becoming the WORD itself, through which the WORD itself is improved to the level of CONCEPT itself, and the WORD-CONCEPT DUALITY in their speeding up developing, in their accelerated and amplifying structures, is giving the outcome of the BOOK itself, in its CLASSICAL BOOK (CB), in its digital book as E-BOOK, or in its VIRTUAL BOOK as V-BOOK! Only this multitude of the same BOOK in development, of the same BOOK in diversity, is showing the Genesis the Evolution and the revolution (GENEVO) of the ARTIFICIAL INTELLIGENCE (in its three times of AI - KI - HI), with its versions in German Language as KÜNSTLICHE INTELLIGENZ (KI) and HYBRID INTELLIGENCE (HI), which will be used and reused interchangeably at any reference, or inter-reference or cross-reference in our LANGUAGE OF SAPIENTOSCIENCIA - 1! What really means ENS in our Book of PEKINENSIS

SAPIENS (with one - ENS inside the concept of Pekin - ENS - is and one -ENS Sapiens? ENS is a shortage from the Species Sapiens, as essence and existence of it, being thought and rethought as - ENS, i.e., as BEING of the Species Sapiens! Within ENS will be comprise the whole of German Idealist connotation of Being as: A - SEIN = BEING in its maximal generality! B - DASEIN = BEING HERE, on this planetary system! C - MITDASEIN = COBEING HERE, together with all past geological and biological times, influencing and restructuring all basic features of the Planetary Life System! It is possible to rethink the ENS INTO ONESELF RECHATING? Would be ENS a synthesis out of Sapiens! Is ENS a Being (SEIN) out of Sapiens! Is ENS a Being - here (DASEIN) out of Sapiens! Is ENS a CO - BEING - here (MITDASEIN) out of Sapiens! Is ENS a triad of Being empowering the Sapiens oneself! Is ENS a living self-consciousness of the whole of Sapiens! Is ENS a symbiosis between Sapiens and Artificial Intelligence (AI / KI / HI)! Is ENS the dialectic vector of history of the whole Sapiens, in overcoming oneself towards a better Sapient-o-Technology, towards a Sapient-o-post-human-industry in Art, in Philosophy, in Psychology, in Theology? Is ENS in its own powerful skill-ness of Symphony - in - painting, of Symphony - in - sculpturing, of Symphony - in - Architecture, of Symphony - in - poetry, of Symphony - in - theatre, of Symphony - in - music, through which great masterpieces of ARSSAPIENS to be musicalized, and then reunited into an ensemble of unspeakable Symbolology of Human - Sapiens - Technology! Is ENS the vector of SAPIENS SYMPHONY, by using and reusing a complex synthesizer of ARSSAPIENS, without precedence in Human - Sapiens - History? All of them are possible, because the writer is now the reader, the explorer is now the surveyor, the survival is now the fighter, by assuming, by affording a strong competition beyond of its own Species, finally, a semi-human-made-device, an Hybrid Intelligence (HI) between biology and technology, both inspired by Bionics resounding in biology and technology alike, as TECHNO - BIO - SAPIENS!! Within these changing and challenging times and adversities, the Culture of Human - Sapiens itself, is coming and becoming a Culture of Wholeness (KULTUR DER GESAMTHEIT, GESAMTHEITKULTUR), including here the Culture of Past times, the Culture of Present Times and the Culture of Future times (KULTUR DER VERGANGENHEIT - KULTUR DER GEGENWART - KULTUR DER ZUKUNFT ((KULTUR DER NÄCHSTENS))). It is to underline that while the Biologic Sapiens has no more powers of regeneration, of coming into biologic mutation, by remaining only the Abstract Powers of Sapiens or Ontology of Creative Sapiens to save, to regenerate and to redemption of our Sapiens Species! Thus, the Biology of Sapiens, the basic Anatomy of Sapiens is remaining a CONSTANT OF SAPIENS, a STATUS QUO SAPIENS, while the ABSTRACT SAPIENS IS A VARIABILITY OF SAPIENS, IS A STATUS DYNAMICS OF SAPIENS! Between the two basic components of Sapiens, its own CONSTANT OF ANATOMY, and its own VARIABILITY OF SAPIENS, as ANATOMONTOLOGY, there are a strong complementary, a DUALITY OF ANATOMY AND ONTOLOGY, which is done through the LOGOS of ANATOMY, as ANATOMOLOGY! This triad of ANATOMY - ANATOMOLOGY - ANATOMONTOLOGY, are the search - research modality of our Sapiens in fighting with its own Technology and Discovery towards overcoming of the Sapiens oneself! In the same time, it is done a Crypto - Anatomy - Analyse and Psychoanalyse, in which is hoped a better knowledge of this Enigma of evolutionary and revolutionary called Sapiens as Species or Genus Homo Sapiens as Genus... To these multitude of questions and answers, to these endlessly uncertainties and un - knows, we try to cope within into our online book, SECRET SAPIENS CODES - 1! EPISTEMOLOGIST OF ARTIFICIAL INTELLIGENCE SYSTEM

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Augustin Ostace, 2024-01-18 Why are not enough the first three AERA of our previous AERAS SYSTEMS, namely: AERA OF PHILOSOPHICAL SYSTEMS (AERA - 1) AERA OF SAPIENTOLOGICAL SYSTEMS (AERA - 2) AERA OF VIDEOLOGICAL SYSTEMS (AERA - 3) Being thus necessary a fourth thinkable and re-thinkable Creative System, the one of ARTIFICIAL INTELLIGENCE SYSTEM (AI),

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