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ICU

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Intensive care unit

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An intensive care unit (ICU), also known as an intensive therapy unit or intensive treatment unit (ITU) or critical care unit (CCU), is a special department of a hospital or health care facility that provides intensive care medicine.

An intensive care unit (ICU) was defined by the task force of the World Federation of Societies of Intensive and Critical Care Medicine as "an organized system for the provision of care to critically ill patients that provides intensive and specialized medical and nursing care, an enhanced capacity for monitoring, and multiple modalities of physiologic organ support to sustain life during a period of life-threatening organ system insufficiency."

Patients may be referred directly from an emergency department or from a ward if they rapidly deteriorate, or immediately after surgery if the surgery is very invasive and the patient is at high risk of complications.

ICU Medical

ICU Medical, Inc. is a medical technology company based in San Clemente, California. ICU Medical products are designed to prevent bloodstream infections

ICU Medical, Inc. is a medical technology company based in San Clemente, California. ICU Medical products are designed to prevent bloodstream infections and protect healthcare workers from exposure to infectious diseases or hazardous drugs. ICU Medical product line includes intravenous therapy (IV) products, pumps, needle-free vascular access devices, custom infusion sets, closed system hazardous drug handling devices and systems, sensor catheters, needle-free closed blood sampling systems, and hemodynamic monitoring systems.

ICU Medical products are designed to prevent bloodstream infections and protecting healthcare workers from exposure to infectious diseases or hazardous drugs. In addition, the company's IV medication compounding and delivery products are designed to improve medication and dosing accuracy and improve clinical workflows. In 2014 ICU Medical was named one of the 100 Most Trustworthy Companies in America by Forbes Magazine.

Delirium

ICU (CAM-ICU) and the Intensive Care Delirium Screening Checklist (ICDSC). Translations of these tools exist in over 20 languages and are used ICUs globally

Delirium (formerly acute confusional state, an ambiguous term that is now discouraged) is a specific state of acute confusion attributable to the direct physiological consequence of a medical condition, effects of a psychoactive substance, or multiple causes, which usually develops over the course of hours to days. As a syndrome, delirium presents with disturbances in attention, awareness, and higher-order cognition. People with delirium may experience other neuropsychiatric disturbances including changes in psychomotor activity (e.g., hyperactive, hypoactive, or mixed level of activity), disrupted sleep-wake cycle, emotional disturbances, disturbances of consciousness, or altered state of consciousness, as well as perceptual disturbances (e.g., hallucinations and delusions), although these features are not required for diagnosis.

Diagnostically, delirium encompasses both the syndrome of acute confusion and its underlying organic process known as an acute encephalopathy. The cause of delirium may be either a disease process inside the brain or a process outside the brain that nonetheless affects the brain. Delirium may be the result of an underlying medical condition (e.g., infection or hypoxia), side effect of a medication such as diphenhydramine, promethazine, and dicyclomine, substance intoxication (e.g., opioids or hallucinogenic deliriants), substance withdrawal (e.g., alcohol or sedatives), or from multiple factors affecting one's overall health (e.g., malnutrition, pain, etc.). In contrast, the emotional and behavioral features due to primary psychiatric disorders (e.g., as in schizophrenia, bipolar disorder) do not meet the diagnostic criteria for 'delirium'.

Delirium may be difficult to diagnose without first establishing a person's usual mental function or 'cognitive baseline'. Delirium may be confused with multiple psychiatric disorders or chronic organic brain syndromes because of many overlapping signs and symptoms in common with dementia, depression, psychosis, etc. Delirium may occur in persons with existing mental illness, baseline intellectual disability, or dementia, entirely unrelated to any of these conditions. Delirium is often confused with schizophrenia, psychosis, organic brain syndromes, and more, because of similar signs and symptoms of these disorders.

Treatment of delirium requires identifying and managing the underlying causes, managing delirium symptoms, and reducing the risk of complications. In some cases, temporary or symptomatic treatments are used to comfort the person or to facilitate other care (e.g., preventing people from pulling out a breathing tube). Antipsychotics are not supported for the treatment or prevention of delirium among those who are in hospital; however, they may be used in cases where a person has distressing experiences such as hallucinations or if the person poses a danger to themselves or others. When delirium is caused by alcohol or sedative-hypnotic withdrawal, benzodiazepines are typically used as a treatment. There is evidence that the risk of delirium in hospitalized people can be reduced by non-pharmacological care bundles (see Delirium § Prevention). According to the text of DSM-5-TR, although delirium affects only 1–2% of the overall population, 18–35% of adults presenting to the hospital will have delirium, and delirium will occur in 29–65% of people who are hospitalized. Delirium occurs in 11–51% of older adults after surgery, in 81% of those in the ICU, and in 20–22% of individuals in nursing homes or post-acute care settings. Among those requiring critical care, delirium is a risk factor for death within the next year.

Because of the confusion caused by similar signs and symptoms of delirium with other neuropsychiatric disorders like schizophrenia and psychosis, treating delirium can be difficult, and might even cause death of the patient due to being treated with the wrong medications.

Tyler ICU

Austin Khulani Baloyi, professionally known under the alias of Tyler ICU, is a South African DJ and record producer born and raised in Kempton park, Gauteng

Austin Khulani Baloyi, professionally known under the alias of Tyler ICU, is a South African DJ and record producer born and raised in Kempton park, Gauteng. He rose to prominence subsequent to the release of "Mnike" which was certified platinum in South Africa, and peaked at number one for sixteen consecutive weeks on The Official South African Charts and Billboard South Africa songs.

Baloyi was introduced to the mainstream in 2020 when he put out his single "Bella Ciao" with Nicole Elocin alongside DJ Maphorisa and Kabza de Small which led an extended play Money Heist. In 2021 he released "Banyana" with DJ Maphorisa which was certified double platinum.

International Christian University

International Christian University (???????, Kokusai Kirisutoky? Daigaku; ICU) is a non-denominational private university located in Mitaka, Tokyo. With

International Christian University (???????, Kokusai Kirisutoky? Daigaku; ICU) is a non-denominational private university located in Mitaka, Tokyo. With the efforts of Prince Takamatsu, General Douglas MacArthur, and BOJ Governor Hisato Ichimada, ICU was established in 1949 as the first liberal arts college in Japan. Currently the university offers 31 undergraduate majors and a graduate school. The Ministry of Education, Culture, Sports, Science and Technology selected ICU as one of the 37 schools for The Top Global University Project in 2014.

ICU is known for being a fully bilingual campus, the classes are held in either English or Japanese, with all faculty required to have strong command in both languages. ICU is a member of the Alliance of Asian Liberal Arts Universities.

ICU (song)

"ICU" is a song by American singer Coco Jones, released on October 21, 2022, as the second single from her EP What I Didn't Tell You (2022). Produced

"ICU" is a song by American singer Coco Jones, released on October 21, 2022, as the second single from her EP What I Didn't Tell You (2022). Produced by DJ Camper, it is her first song to chart, peaking at number 62 on the Billboard Hot 100. The title references the lyrics "I see you" more than intensive care unit. It won the award for Best R&B Performance at the 66th Annual Grammy Awards.

Cheerleading

worldwide release of the 2000 film Bring It On. The International Cheer Union (ICU) now claims 116 member nations with an estimated 7.5 million participants

Cheerleading is an activity in which the participants (called cheerleaders) cheer for their team as a form of encouragement. It can range from chanting slogans to intense physical activity. It can be performed to motivate sports teams, to entertain the audience, or for competition. Cheerleading routines typically range anywhere from one to three minutes, and contain components of tumbling, dance, jumps, cheers, and stunting. Cheerleading originated in the United States, where it has become a tradition. It is less prevalent in the rest of the world, except via its association with American sports or organized cheerleading contests.

Modern cheerleading is very closely associated with American football and basketball. Sports such as association football (soccer), ice hockey, volleyball, baseball, and wrestling will sometimes sponsor cheerleading squads. The ICC Twenty20 Cricket World Cup in South Africa in 2007 was the first international cricket event to have cheerleaders. Some Brazilian association football (soccer) teams that plays in the Brazilian Serie A have cheerleading squads, such as Bahia, Fortaleza and Botafogo. In baseball, the Florida Marlins were the first Major League Baseball team to have a cheerleading team.

Cheerleading originated as an all-male activity in the United States, and is popular predominantly in America, with an estimated 3.85 million participants in 2017. The global presentation of cheerleading was led by the 1997 broadcast of ESPN's International cheerleading competition, and the worldwide release of the 2000 film *Bring It On*. The International Cheer Union (ICU) now claims 116 member nations with an estimated 7.5 million participants worldwide.

Around the end of the 2000s, the sport had gained traction outside of the United States in countries like Australia, Canada, Mexico, China, Colombia, Finland, France, Germany, Japan, the Netherlands, New Zealand, and the United Kingdom. However, the sport does not have the international popularity of other American sports, such as baseball or basketball, despite efforts being made to popularize the sport at an international level. In 2016, the IOC (International Olympic Committee) recognized the ICU (International Cheer Union) as part of the sports federations; in practice this means that the modality is considered a sport by the IOC, and in the future, depending on negotiations and international popularization, it could become part of the Olympic Games.

Scientific studies of cheerleading show that it carries the highest rate of catastrophic injuries to female athletes in sports, with most injuries associated with stunting, also known as pyramids. One 2011 study of American female athletes showed that cheerleading resulted in 65% of all catastrophic injuries in female sports.

International Components for Unicode

(ICU) is an open-source project of mature C/C++ and Java libraries for Unicode support, software internationalization, and software globalization. ICU

International Components for Unicode (ICU) is an open-source project of mature C/C++ and Java libraries for Unicode support, software internationalization, and software globalization. ICU is widely portable to many operating systems and environments. It gives applications the same results on all platforms and between C, C++, and Java software. The ICU project is a technical committee of the Unicode Consortium and sponsored, supported, and used by IBM and many other companies. ICU has been included as a standard component with Microsoft Windows since Windows 10 version 1703.

ICU provides the following services: Unicode text handling, full character properties, and character set conversions; Unicode regular expressions; full Unicode sets; character, word, and line boundaries; language-sensitive collation and searching; normalization, upper and lowercase conversion, and script transliterations; comprehensive locale data and resource bundle architecture via the Common Locale Data Repository (CLDR); multiple calendars and time zones; and rule-based formatting and parsing of dates, times, numbers, currencies, and messages. ICU provided complex text layout service for Arabic, Hebrew, Indic, and Thai historically, but that was deprecated in version 54, and was completely removed in version 58 in favor of HarfBuzz.

ICU provides more extensive internationalization facilities than the standard libraries for C and C++. Future ICU 75 planned for April 2024 will require C++17 (up from C++11) or C11 (up from C99), depending on what languages is used. ICU has historically used UTF-16, and still does only for Java; while for C/C++ UTF-8 is supported, including the correct handling of "illegal UTF-8".

ICU 73.2 has improved significant changes for GB18030-2022 compliance support, i.e. for Chinese (that updated Chinese GB18030 Unicode Transformation Format standard is slightly incompatible); has "a modified character conversion table, mapping some GB18030 characters to Unicode characters that were encoded after GB18030-2005" and has a number of other changes such as improving Japanese and Korean short-text line breaking, and in "English, the name "Türkiye" is now used for the country instead of "Turkey" (the alternate spelling is also available in the data)."

ICU 74 "updates to Unicode 15.1, including new characters, emoji, security mechanisms, and corresponding APIs and implementations. [...]"

ICU 74 and CLDR 44 are major releases, including a new version of Unicode and major locale data improvements." Of the many changes some are for person name formatting, or for improved language support, e.g. for Low German, and there's e.g. a new spoof checker API, following the (latest version) Unicode 15.1.0 UTS #39: Unicode Security Mechanism.

996 working hour system

On 26 March 2019, the 996.ICU repository and website were created. The repository on GitHub states that the name "996.icu" refers to how developers who

The 996 working hour system (Chinese: 996???) is a work schedule practiced illegally by some companies in China. It derives its name from its requirement that employees work from 9:00 am to 9:00 pm, 6 days per week, so 12 hours per day and 72 hours per week. A number of Mainland Chinese internet and tech companies have adopted this system as their official or de facto work schedule. Critics argue that the 996 working hour system is a violation of the Labour Law of the People's Republic of China and have called it "modern slavery".

In March 2019, an "anti-996" protest was launched via GitHub. Since then, the 996 issue has been met with growing discontent in China.

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