



CIAP Newsletter

She-Hulk: an incredible case of transfusion

Transfusion associated graft versus host disease (TaGVHD) is a rare complication of blood transfusion that occurs when donor T cells attack multiple organs in the recipient.

In the high profile case of She-Hulk, the recipient inherited the ability to transform into an enormous green rage monster after accidentally receiving a blood transfusion from a close relative, Bruce Banner, also known as the Hulk.



The shared genetic makeup and instant conditioning of the recipient, who received a lethal dose of gamma radiation, were risk factors for the development of TaGVHD.

The celebrity nature of the case has made the details publicly known. The paper suggests that further research could advance understanding of transfusion medicine.

Learn more from this study here in the [British Medical Journal](#).

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What is the diagnosis?

This diagnosis is a type of skin cancer that begins in the cells that produce melanin, the pigment responsible for skin color.

It is one of the most serious types of skin cancer, as it can spread to other organs and can be difficult to treat if not caught early.

Protect yourself during summer from this diagnosis by being sun safe and seeking early diagnosis and treatment.



What's the diagnosis?

[Find out the answer here](#) in DermnetNZ

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Preparing for the worst-case scenario in a pandemic

This study evaluated the feasibility of using a two-step prioritisation approach to allocate intensive care unit (ICU) resources during a pandemic.

The approach, which involves assessment of each patient followed by a prioritisation visit across ICUs, was found to be feasible and acceptable to front-line intensivists.

Triage was found to be resource-intensive but would be effective in preventing intuitive, non-reliable decisions.

Intensivists were willing to assume the responsibility of triage if the approach was transparent, legal, and included interdisciplinary cooperation.

The combination of clinical assessment by physicians and a score-based protocol could be an alternative to other triage concepts.

Learn more about the findings in [Critical Care Medicine](#).

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30 *millionth* citation added to Medline

Medline has just passed a significant milestone: on Dec 7 2022 the 30 *millionth* citation was added to Medline.

MEDLINE is a comprehensive biomedical literature database that provides access to over 30 million bibliographic citations and author abstracts from more than 5,600 journals in nearly 40 languages, including English abstracts in over 80% of the records.

It offers features such as coverage dating back to 1946, access to full text for over 1,000 open access journals, and advanced search functionality.

Check out [Medline here](#).

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After the first pig-to-human heart transplant, scientists look to the future

The first clinical cardiac transplant using a pig heart has been performed on a 57-year-old patient at the University of Maryland.

Previous attempts at xenotransplantation have failed because of the body's strong immune response to an organ seen as foreign, but a lack of human organs for transplant means that the procedure could be lifesaving.



However, bioethicist L. Syd M. Johnson has warned that the use of animal organs brings up new ethical considerations and that "this is an exceptionally vulnerable population".

Learn more about the transplant and the issues in the [JAMA](#).

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A study of occupational therapist-led falls prevention in Australia's regional and rural public health services

A qualitative study was conducted to compare the determinants of implementation success for an occupational therapist-led environmental assessment and modification (EAM) strategy in two regional and rural public health services in Queensland.



The study found that external factors, such as access to resources and connections with complementary services, had a significant influence on the success of implementing the practice change.

The findings highlight the importance of considering external factors in implementing best practices in occupational therapy settings.

Learn more about the study in the [Australian Occupational Therapy Journal](#).

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2023 CIAP Education Sessions

Our 2023 workshop and education line up will be announced soon.

You can find all CIAP training options in the [training menu](#) on the CIAP home page.

You will also receive a newsletter with all the new dates in early January.

CIAP wishes all its readers a safe and happy holiday period.

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