Sharing Patient Information

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Objectives

- Discuss the uses of the Antibody Registry as it relates to patients
- Discuss options taken to ensure the Antibody Registry website is secure

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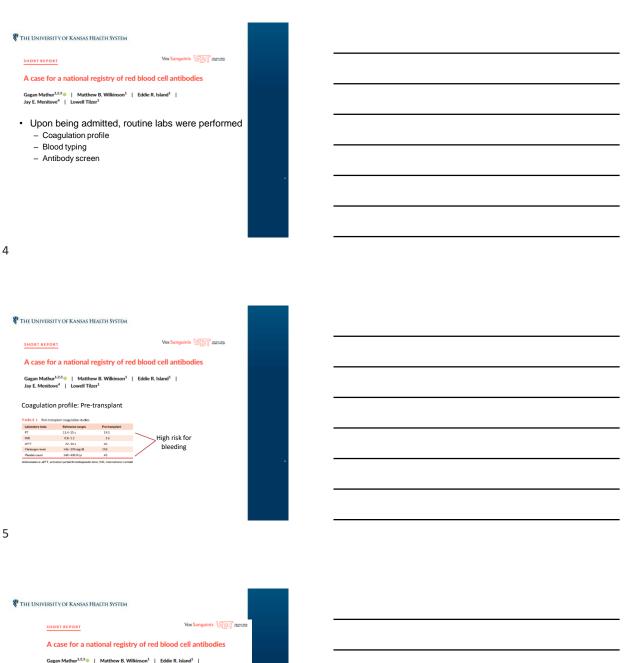
SHORT REPORT

A case for a national registry of red blood cell antibodies

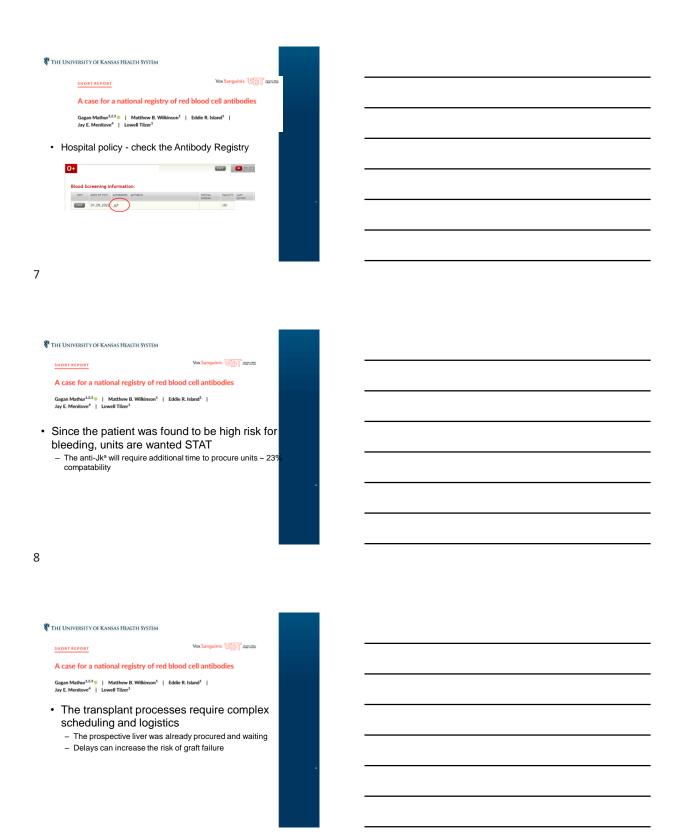
Vox Sanguinis

Gagan Mathur^{1,2,3} | Matthew B. Wilkinson¹ | Eddie R. Island¹ | Jay E. Menitove⁴ | Lowell Tilzer¹

- · Caucasian male
- · 58 years old
- Hx liver cirrhosis
- "Summoned" to the hospital for liver transplant



- Gagan Mathur^{1,2,3} | Matthew B. Wilkinson¹ | Eddie R. Island¹ | Jay E. Menitove⁴ | Lowell Tilzer¹
- · Upon being admitted, routine labs were performed
 - Blood typing O, RhD positive
 - Antibody screen Negative





- Hospital obtained 14 Jk(a-) from blood provider

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- · 2 units were transfused immediately
 - 13 units transfused during surgery

Other blood products were also transfused
 10 apheresis plts, 31 units of thawed plasma, 8 pooled units of cryoprecipitate

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SHORT REPORT

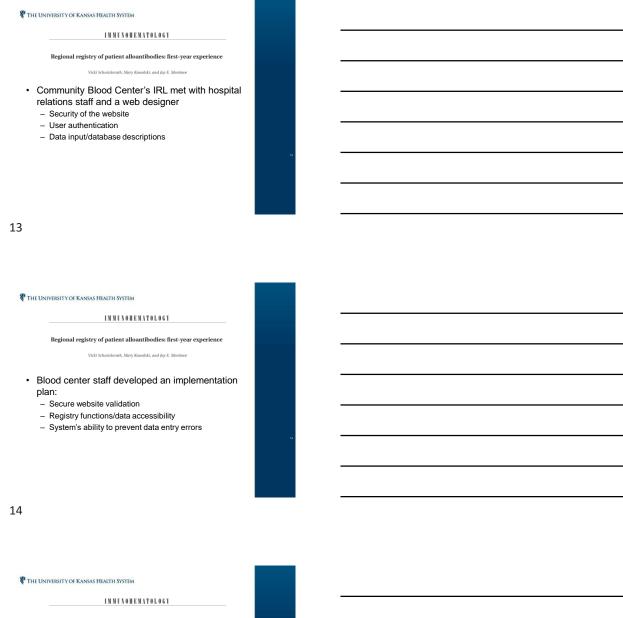
Vox Sanguinis SBT marate

Vox Sanguinis

A case for a national registry of red blood cell antibodies

Gagan Mathur^{1,2,3} | Matthew B. Wilkinson¹ | Eddie R. Island¹ | Jay E. Menitove⁴ | Lowell Tilzer¹

- · Discussion:
 - 4% 23% of liver transplants patients have underlying alloantibodies
 - This case is an example of the need for a national antibody registry



Regional registry of patient alloantibodies: first-year experience

Vicki Schwickerath, Mary Kowalski, and Jay E. Menitove

- HIPAA/Regulations
 - Blood center staff consulted legal counsel
 - Reviewed HIPAA regulations
 - HIPAA training was provided for blood center staff

IMMUNOHEMATOLOGY

Regional registry of patient alloantibodies: first-year experience
Vicis Schwickerath, Mary Kowalski, and Jay E. Menimov

- HIPAA/Regulations
 - Web design company signed a HIPAA-compliant agreement
 - Web design company implemented policies to meet HIPAA Security Regulations

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IMMUNOHEMATOLOGY

Regional registry of patient alloantibodies: first-year experience

Vicki Schwickerath, Mary Kowalski, and Jay E. Menitove

- In March 2008, CBC input data from patient samples evaluated by the IRL during the past 5 years
- By 2009, the registry contained +5000 alloantibody records

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www.savealifenow.org

COVID-19 and Blood Donation

Community Blood Center (CBC) continues to closely monitor the outbreak of coronavirus disease 2019 (COVID-19) and carry out our lifesaving mission in our communities.

2014 Conder by load can good a reserved to reach in role continuations. The need for by load can good in the served by CRC. Every week, more than 3500 blood donations and 700 donated patient using an ended to mark patient need. To ensure we are prepared to support health agencies in our communities and across the country, CRC strongly uppes individuals whe feel healthy and well to make an appointment at a donor center or find a new community blood drive.

Frequently Asked Questions

Do I need to wear a mask in the blood center if I have been fully vaccinated?
Can I donate after receiving the COVID-19 vaccine?

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www.savealifenow.org

Community Blood Center

DONATE BLOOD PRODUCTS AND SERVICES ABOUT US SUPPORT U

Antibody Registry
Donors please click here.
Hospital staff please click here.

ACCESS REQUEST FOR CBC SECURE WEBSITE

- User Instructions
 Output the required information.

 R and the distances and sign below to document that you agree to the statements.
 User passwords must contain the following criteria

 O
 At least 5 character in fourth (in the path)
 At least 5 character in the path)

 O
 At least 5 character in the path)
 Output the path)

Name	
Hospital	
Desired Password	
Email Address	
Supervisor	
Supervisor's Email Address	

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HIPAA Disclaimer

The same agrees to comply with the Baddi haranness Pertheling and Accountability Act of 1996, as of faces approximate proceedings of the same interaction. So, which approximately regulate the same structure of the same	as contained in 45 C.F.R. Parts 160 and 164 (the "Federal multy Regulation", and the federal standards for electronic expansions), 'to the extent applicable. The user agrees not hybridge the standard state of the state of the state hybridge the state of the state of the state of the state for the extent architecture therein the state what make
User further achieveledges and rates that Heupital, in Heupital's regular course and business, obtain obtained from, or disclosed to, other medical providers who have readered, or will reader, medical weat As the signed in user, you solely vesify that any 'all information gathered through access to the Anthodo	ment or services to the Patient.
At the ingites in user, you could young that may an intermative gamment through access to the Anthoo Kamana City will be used for the purposes of patient and holy writerions for a patient currently information gathesed or viewed of a patient net within your facility will not be shared and will compl Act of 1996, as codified at 42 U.S.C. [1520d ("HIPAA").	within your hospital system or facility. Additionally any
User's Signature:	Date:
CBC Use Only	
Approved By	Date

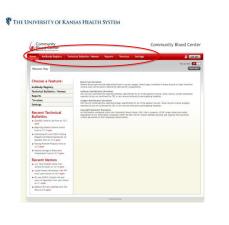
Access Level View Only _____ Hospital Admin _____

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The Antibody Registry

	You are not logged in.
Please	log in:
Userna	mer
Passw	ord:
	Log In
to t	To obtain access to the secure site, send request he Site Administrator at <u>AntibodyRepistryBcbckc.orp</u>
	Forgot Password



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Patient Information

lood S	creening In	formation:				
EDIT	DATE OF TEST	ANTIBODIES	ANTIGENS	SPECIAL ORDERS	PACILITY	LAST EDITOR
EDIT	03.23.2016	Cold reactive autoantibody			282	
EDIT	03.22.2016	Fy ^a			52	
EDIT	03.12.2016	little c			59	



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IRL Policy

- The Antibody Registry is checked with every single patient when units or a workup is ordered
- If units are ordered with no CBC history, IRL communicates with the hospital about aby ID info and updates the registry

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IRL Policy

- Important thing to remember: IRL isn't the only entity putting in information in to the AR
 IRL often finds information out about never before seen patients
- KU's policy: every patient is checked in the antibody registry, new or repeat

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Antibody Registry Testimonials

We have a policy to check the Community Blood Center Antibody Registry on every patient that has an order for an antibody screen. Our laboratory scientists are required to add a canned message to our historical check stating that they have reviewed all patient history, including the registry. I can remember at least two patients with historical, clinically significant antibodies that were not currently reacting. Had it not been for the benefit of information provided by the registry, we may not have been able to offer the best transfusion for our patient.

Antibody Registry Testimonials

I have worked with other hospital organizations that do not use Community Blood Center as their blood supplier and therefore did not have access to a program such as the Antibody Registry. I was constantly calling other blood banks to get patients' histories and it was less than convenient to say the least. Having a database like the Antibody Registry saves us time and headaches on a daily basis. It allows our Kansas City blood bankers to share information in a quick and easy way to ensure the safest results for our patients.

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Resources

- Mathur, Gagan, et al. "A Case for a National Registry of Red Blood Cell Antibodies." Vox Sanguinis, 2022, https://doi.org/10.1111/vox.13250.
- Schwickerath, Vicki, et al. "Regional Registry of Patient Alloantibodies: First-Year Experience." *Transfusion*, vol. 50, no. 7, 2010, pp. 1465–1470., https://doi.org/10.1111/j.1537-2995.2010.02629.x.

Take it away Carrie!!

