



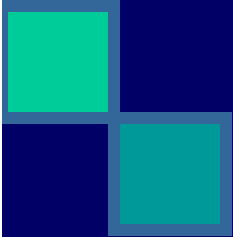

Virginia Cord Blood Bank  
Initiative



HB 413

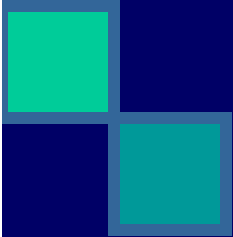



# Virginia Cord Blood Bank Initiative

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- "...a public resource for Virginians for the treatment of patients with life-threatening diseases or debilitating conditions, for use in advancing basic and clinical research, and, in the event of a terrorist attack, to be used in the treatment of the injured citizens of the Commonwealth."
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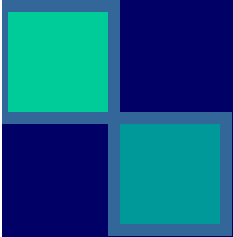



# The "Initiative"

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- Nonprofit entity to collect, screen for infectious and genetic diseases, perform tissue typing on, cryopreserve and store umbilical cord blood.
  - Develop a collaborative consortium
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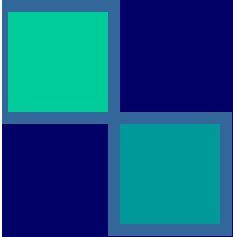



# The "Initiative"

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- Consortium consists of membership from:
    - Academic medical centers;
    - Hospitals and hospital systems;
    - Biotechnology companies;
    - Regional blood banks;
    - Laboratories;
    - Medical researchers; and
    - Other health care providers.
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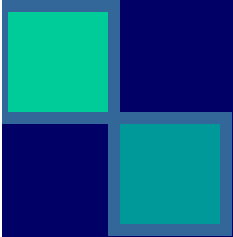



# The “Initiative”

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- Commissioner of Health to coordinate procedures for the Initiative including patient donation information and consent, length of storage time, and processes for recycling the blood at the end of storage.
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# The "Initiative"

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- Commissioner of Health to disseminate information about the Initiative.
  - Initiative participants responsible for community outreach.
  - DMAS to include information about the Initiative to enrollees.
  - All birthing facilities to provide women the opportunity to donate.
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## Currently in Virginia

- Only 5% of umbilical cord blood is now being banked in Virginia;
  - Primary use is by pediatric oncologists for childhood cancers; and
  - Most stored cord blood is being deposited in private storage facilities.
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## State Supported Cord Blood Banks

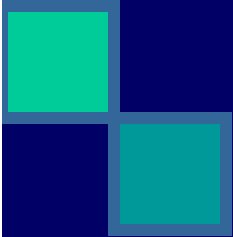



- Florida
- Massachusetts
- New Jersey



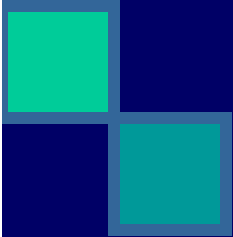



# Florida's Program

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- Legislation established the "Public Cord Blood Tissue Bank".
  - Collaborative consortium of Univ. of Florida, Univ. of Southern Florida, Univ. of Miami, and the Jacksonville Mayo Clinic.
  - Consortium may charge reasonable fees to recipients.
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# Massachusetts' Program

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- Legislation established and maintains a public cord blood bank.
  - Established in partnership with the Univ. of Massachusetts Medical School.
  - Also established a Biomedical Research Advisory Council.
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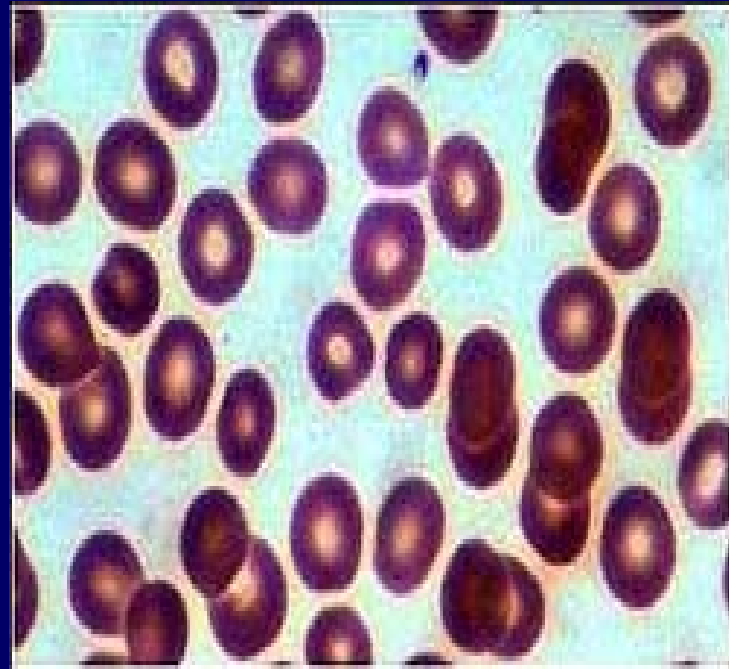


## New Jersey's Program

- The state provided a \$5 mil. loan to Coriell Institute for Medical Research to establish the Cord Blood Bank.
  - Repayment of the loan is conditioned on the release of cord blood for therapy purposes.
  - Coriell Institute is a nonprofit biomedical research institution with a history of cell banking and cryogenic storage.
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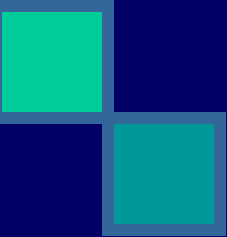

# Cord Blood Storage Options

- Integrate into an existing cell storage infrastructure.
- Start a state supervised cord blood bank.
- Contract with a private sector provider.





## The “Initiative” Work Plan

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- \$200,000 allocated in SFY 07 & 08.
  - Fall of 06, convene statewide team of medical experts to explore options and develop a statewide consortium.
  - Involve representation from emergency preparedness agencies.
  - VDH to develop database of existing cord blood supplies.
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Questions

