

Autológna pupočníková krv použitá na regeneráciu tkanív

Publikované výsledky i prebiehajúci výskum preukazujú, že kmeňové bunky nachádzajúce sa v pupočníkovej krvi sú schopné priamo opraviť alebo navodiť procesy regenerácie v poškodených orgánoch a tkanivách. V súčasnosti sa v rámci viacerých klinických štúdií* sledujú účinky autológnej pupočníkovej krvi podanej deťmi s ochoreniami: detská mozgová obrna, traumatické poškodenia mozgu, vrodené poškodenia srdca, strata sluchu, diabetes typ I. a iné. Tabuľka sumarizuje publikované prípady použitia autológnej pupočníkovej krvi na experimentálnu liečbu v regeneratívnej medicíne.

Rok	Transplantačné centrum	Banka pupočníkovej krvi
Apraxia		
2012	Duke University, Durham, USA	CBR
2011	Duke University, Durham, USA	CBR
2010	Duke University, Durham, USA	CBR
2010	Duke University, Durham, USA	CBR
Asfyxia		
2006	Centro de Especialidades Medicas Xalapa, Veracruz, Mexico	Cryo-Cell
Autológna terapia		
2010	Hospital Angeles, Tijuana, Mexico	CBR
2009	University Medical Center, Tucson, USA	CBR
Detská mozgová obrna		
2012	Duke University, Durham, USA	ViaCord
2012	Duke University, Durham, USA	Cryo-Cell
2011	Duke University, Durham, USA	Eurocord-Slovakia
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	ViaCord
2011	USA	LifebankUSA
2011	Duke University, Durham, USA	Cryo-Cell
2010	Duke University, Durham, USA	Banco de Cordon Umbilical
2010	Duke University, Durham, USA	Biohellenika
2010	Duke University, Durham, USA	CBR

Rok	Transplantačné centrum	Banka pupočnikovej krvi
2008	Duke University, Durham, USA	ViaCord
2008	Duke University, Durham, USA	ViaCord
2008	Duke University, Durham, USA	ViaCord
2008	Duke University, Durham, USA	ViaCord
2008	Duke University, Durham, USA	ViaCord
2008	Duke University, Durham, USA	ViaCord
2008	Duke University, Durham, USA	ViaCord
2008	Duke University, Durham, USA	ViaCord
2008	Madrid, Spain	Vita 34
2007	Duke University, Durham, USA	CBR
2007	Duke University, Durham, USA	CBR
2007	Duke University, Durham, USA	CBR
2007	Duke University, Durham, USA	CBR
2007	Duke University, Durham, USA	CBR
2007	Duke University, Durham, USA	CBR
2007	Duke University, Durham, USA	CBR
2007	Duke University, Durham, USA	Insception Biosciences
2007	Duke University, Durham, USA	Insception Biosciences
2007	Children's Hospital, Bangkok, Thailand	THAI StemLife
2006	Duke University, Durham, USA	CBR
2006	Duke University, Durham, USA	Cryo-Cell
2006	Duke University, Durham, USA	Cryo-Cell
2006	Duke University, Durham, USA	Matercell
2005	Duke University, Durham, USA	CBR

Diabetes typ I

2011	Nemecko	Vita 34
2010	Duke University, Durham, USA	ViaCord
2010	Technical University, Munich, Nemecko	Vita 34
2010	Technical University, Munich, Nemecko	Vita 34
2009	Shands Hospital, University of Florida, Gainesville, USA	Insception Biosciences
2009	Shands Hospital, University of Florida, Gainesville, USA	Insception Biosciences
2009	Shands Hospital, University of Florida, Gainesville, USA	Insception Biosciences
2009	Shands Hospital, University of Florida, Gainesville, USA	ViaCord
2009	Shands Hospital, University of Florida, Gainesville, USA	ViaCord
2009	Technical University, Munich, Nemecko	Vita 34
2009	Technical University, Munich, Nemecko	Vita 34
2009	Technical University, Munich, Nemecko	Vita 34
2009	Technical University, Munich, Nemecko	Vita 34
2008	Shands Hospital, University of Florida, Gainesville, USA	CBR
2008	Shands Hospital, University of Florida, Gainesville, USA	CBR
2008	Shands Hospital, University of Florida, Gainesville, USA	CBR
2008	Shands Hospital, University of Florida, Gainesville, USA	CBR
2008	Shands Hospital, University of Florida, Gainesville, USA	CBR
2008	Shands Hospital, University of Florida, Gainesville, USA	Insception Biosciences
2008	Shands Hospital, University of Florida, Gainesville, USA	Lifebank, Canada
2008	Shands Hospital, University of Florida, Gainesville, USA	ViaCord
2007	Shands Hospital, University of Florida, Gainesville, USA	CBR
2007	Shands Hospital, University of Florida, Gainesville, USA	CBR
2007	Shands Hospital, University of Florida, Gainesville, USA	CBR
2007	Shands Hospital, University of Florida, Gainesville, USA	CorCell

Rok	Transplantačné centrum	Banka pupočnikovej krvi
2007	Shands Hospital, University of Florida, Gainesville, USA	Cryo-Cell
2007	Shands Hospital, University of Florida, Gainesville, USA	Insception Biosciences
2007	Shands Hospital, University of Florida, Gainesville, USA	ViaCord
2006	Shands Hospital, University of Florida, Gainesville, USA	Cryo-Cell
2006	Shands Hospital, University of Florida, USA	Elie Katz Cord Blood Bank
2006	Shands Hospital, University of Florida, Gainesville, USA	FamilyCord
2005	Shands Hospital, University of Florida, Gainesville, USA	Cryo-Cell
Dysgenéza Corpus Callosum		
2007	Duke University, Durham, USA	ViaCord
Encefalitída		
2008	Duke University, Durham, USA	CBR
Hemiparéza		
2010	Duke University, Durham, USA	CBR
Hemiplégia		
2010	Duke University, Durham, USA	CBR
2009	Hospital Universitario de Monterey, Monterey, Mexico	Cryo-Cell
Fagocytárny syndróm		
2011	Duke University, Durham, USA	ViaCord
Hydrocefalus		
2011	Duke University, Durham, USA	ViaCord
2011	Duke University, Durham, USA	CBR
2010	Duke University, Durham, USA	ViaCord
2010	Duke University, Durham, USA	CBR
2008	Duke University, Durham, USA	CBR
2008	Duke University, Durham, USA	CBR
Hypotónia		
2011	Duke University, Durham, USA	CBR
2010	Duke University, Durham, USA	CBR
Hypoxicko-Ischemická encefalopatia		
2011	Duke University, Durham, USA	CBR
2010	Duke University, Durham, USA	Cryo-Cell
2010	Duke University, Durham, USA	CBR
2009	Duke University, Durham, USA	CBR
2009	Children's Memorial Health Institute, Warsaw, Polsko	Polish Stem Cells Bank
2009	Duke University, Durham, USA	CBR
2008	Duke University, Durham, USA	CBR
2008	Duke University, Durham, USA	CordBank
2008	Duke University, Durham, USA	CBR
2007	Duke University, Durham, USA	Cryo-Cell
2007	Centro de Medicina Hiperbarica Mexicali, Baja California, Mexico	Cryo-Cell
2006	Centro de Medicina Hiperbarica Mexicali, Baja California, Mexico	Cryo-Cell
2005	University of Hamburg, Nemecko	Vita 34
2005	Duke University, Durham, USA	CBR
2005	Duke University, Durham, USA	Cryo-Cell
Intrauterinná cievna mozgová príhoda		
2010	Duke University, Durham, USA	CBR
2009	Duke University, Durham, USA	CBR
2009	Duke University, Durham, USA	CBR
2009	Duke University, Durham, USA	Lifebank
2008	Duke University, Durham, USA	MAZE

Rok	Transplantačné centrum	Banka pupečníkovej krvi
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Kernikterus

2007	University of Minnesota, Minneapolis, USA	CorCell
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Ochrnutie

2006	Centro de especialidades en Columna Vertebral, Monterrey, Mexico	Cryo-Cell
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Oneskorený psychomotorický vývoj

2011	Duke University, Durham, USA	CBR
2011	Duke University, Durham, USA	CBR
2011	Duke University, Durham, USA	CBR
2011	Duke University, Durham, USA	CBR
2010	Duke University, Durham, USA	CBR
2010	Duke University, Durham, USA	CBR
2010	Duke University, Durham, USA	CBR

Periventrikulárne leukomalácie

2011	Duke University, Durham, USA	CBR
2010	Duke University, Durham, USA	CBR
2009	Duke University, Durham, USA	CBR
2009	Duke University, Durham, USA	CBR
2009	Duke University, Durham, USA	CBR

Rázštep podnebia

2011	Maimonides University, Buenos Aires, Argentína	Matercell
2010	Maimonides University, Buenos Aires, Argentína	Matercell
2010	Maimonides University, Buenos Aires, Argentína	Matercell
2008	Maimonides University, Buenos Aires, Argentína	Matercell

Sepsa po transplantácii pečene

2007	Medical College of Virginia, Richmond, USA	Cryo-Cell
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Spastická diplégia

2010	Duke University, Durham, USA	CBR
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Statická encefalopatia

2009	Duke University, Durham, USA	CBR
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Subarachnoidálne krvácanie

2007	Pirogov Hospital, Sofia, Bulharsko	Cryo-Save
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Traumatické poškodenia mozgu

2012	Nemecko	Vita 34
2011	Duke University, Durham, USA	CBR
2011	Nemecko	Vita 34
2011	Nemecko	Vita 34
2011	Rodewisch, Nemecko	Vita 34
2010	Duke University, Durham, USA	Vita 34
2009	Duke University, Durham, USA	CBR
2009	dôverné	THAI StemLife
2009	Ruhr-University, Bochum, Nemecko	Vita 34
2009	Duke University, Durham, USA	CBR
2008	Miami Children's Hospital, Miami, USA	ViaCord
2008	USA	ViaCord
2008	Duke University, Durham, USA	CBR
2008	dôverné	Polish Stem Cells Bank
2008	Duke University, Durham, USA	CBR
2005	Duke University, Durham, USA	CBR

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