

Autológna pupočníková krv použitá na liečbu v klinických štúdiách

Nedávny výskum preukázal, že kmeňové bunky nachádzajúce sa v pupočníkovej krvi sú schopné opravy poškodených orgánov a tkanív. V súčasnosti prebieha viacero schválených klinických štúdií*, ktoré využívajú autológnu pupočníkovú krv pri liečbe ochorení, kde je potrebná regenerácia tkanív. Nasledovná tabuľka zobrazuje publikované prípady použitia autológnej pupočníkovej krvi na experimentálnu liečbu vo svete.

Rok	Transplantačné centrum, krajina	Banka pupočníkovej krvi
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Apraxia

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

Asfyxia

2006	Centro de Especialidades Medicas Xalapa, Veracruz, Mexico	Cryo-Cell Mexico, Mexico
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Autológna terapia

2010	Hospital Angeles, Tijuana, Mexico	CBR, USA
2009	University Medical Center, Tucson, USA	CBR, USA

Detská mozgová obrna

2011	Duke University, Durham, USA	Ceptra, Slovakia
2011	Duke University, Durham, USA	CBR, USA
2010	Duke University, Durham, USA	Banco de Cordon Umbilical, Mexico
2010	Duke University, Durham, USA	Biohellenika, Greece
2010	Duke University, Durham, USA	CBR, USA
2010	Duke University, Durham, USA	CBR, USA
2010	Duke University, Durham, USA	CBR, USA
2010	Duke University, Durham, USA	CBR, USA
2010	Duke University, Durham, USA	CBR, USA
2010	Duke University, Durham, USA	Cell Care, Australia
2010	Duke University, Durham, USA	CordBank, New Zealand
2010	Duke University, Durham, USA	Crioestaminal, Portugal
2010	Duke University, Durham, USA	Crioestaminal, Portugal
2010	Duke University, Durham, USA	Cryo-Cell Mexico, Mexico
2010	Clinical trial, Taiwan Dept. of Health, Taiwan	HealthBanks, Taiwan
2010	Clinical trial, Taiwan Dept. of Health, Taiwan	HealthBanks, Taiwan
2010	Duke University, Durham, USA	Insception Biosciences, Canada
2010	Duke University, Durham, USA	Lifebank, Canada
2010	Duke University, Durham, USA	Matercell, Argentina
2010	Duke University, Durham, USA	Smart Cells & BioVault, UK
2010	Ruhr-University, Bochum, Germany	Vita 34, Germany

2007	Duke University, Durham, USA	Inseption Biosciences, Canada
2007	Duke University, Durham, USA	Inseption Biosciences, Canada
2007	Children's Hospital, Bangkok, Thailand	THAI StemLife, Thailand
2006	Duke University, Durham, USA	CBR, USA
2006	Duke University, Durham, USA	Cryo-Cell, USA
2006	Duke University, Durham, USA	Cryo-Cell, USA
2006	Duke University, Durham, USA	Matercell, Argentina
2005	Duke University, Durham, USA	CBR, USA

Diabetes typ I

2010	Technical University, Munich, Germany	Vita 34, Germany
2010	Technical University, Munich, Germany	Vita 34, Germany
2009	Shands Hospital, University of Florida, Gainesville, USA	Inseption Biosciences, Canada
2009	Shands Hospital, University of Florida, Gainesville, USA	Inseption Biosciences, Canada
2009	Shands Hospital, University of Florida, Gainesville, USA	Inseption Biosciences, Canada
2009	Shands Hospital, University of Florida, Gainesville, USA	ViaCord, USA
2009	Shands Hospital, University of Florida, Gainesville, USA	ViaCord, USA
2009	Technical University, Munich, Germany	Vita 34, Germany
2009	Technical University, Munich, Germany	Vita 34, Germany
2009	Technical University, Munich, Germany	Vita 34, Germany
2009	Technical University, Munich, Germany	Vita 34, Germany
2008	Shands Hospital, University of Florida, Gainesville, USA	CBR, USA
2008	Shands Hospital, University of Florida, Gainesville, USA	CBR, USA
2008	Shands Hospital, University of Florida, Gainesville, USA	CBR, USA
2008	Shands Hospital, University of Florida, Gainesville, USA	CBR, USA
2008	Shands Hospital, University of Florida, Gainesville, USA	CBR, USA
2008	Shands Hospital, University of Florida, Gainesville, USA	Inseption Biosciences, Canada
2008	Shands Hospital, University of Florida, Gainesville, USA	Lifebank, Canada
2008	Shands Hospital, University of Florida, Gainesville, USA	ViaCord, USA
2007	Shands Hospital, University of Florida, Gainesville, USA	CBR, USA
2007	Shands Hospital, University of Florida, Gainesville, USA	CBR, USA
2007	Shands Hospital, University of Florida, Gainesville, USA	CBR, USA
2007	Shands Hospital, University of Florida, Gainesville, USA	CorCell, USA
2007	Shands Hospital, University of Florida, Gainesville, USA	Cryo-Cell, USA
2007	Shands Hospital, University of Florida, Gainesville, USA	Inseption Biosciences, Canada
2007	Shands Hospital, University of Florida, Gainesville, USA	ViaCord, USA
2006	Shands Hospital, University of Florida, Gainesville, USA	Cryo-Cell, USA
2006	Shands Hospital, University of Florida, Gainesville, USA	Elie Katz Umbilical Cord Blood Bank, USA
2006	Shands Hospital, University of Florida, Gainesville, USA	FamilyCord, USA
2005	Shands Hospital, University of Florida, Gainesville, USA	Cryo-Cell, USA

Dysgenéza Corpus Callosum

2007	Duke University, Durham, USA	ViaCord, USA
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Encefalitída

2008	Duke University, Durham, USA	CBR, USA
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Hemiparéza

2010	Duke University, Durham, USA	CBR, USA
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Hemiplégia

2010	Duke University, Durham, USA	CBR, USA
2009	Hospital Universitario de Monterey, Monterey, Mexico	Cryo-Cell Mexico, Mexico

Hydrocefalus

2011	Duke University, Durham, USA	CBR, USA
2010	Duke University, Durham, USA	CBR, USA
2009	Duke University, Durham, USA	CBR, USA
2008	Duke University, Durham, USA	CBR, USA

Hypotónia

2010	Duke University, Durham, USA	CBR, USA
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Hypoxicko-Ischemická encefalopatia

2010	Duke University, Durham, USA	CBR, USA
2009	Duke University, Durham, USA	CBR, USA
2009	Children's Memorial Health Institute, Warsaw, Poland	Polish Stem Cells Bank (PBKM), Poland
2009	Duke University, Durham, USA	CBR, USA
2008	Duke University, Durham, USA	CBR, USA
2008	Duke University, Durham, USA	CordBank, New Zealand
2008	Duke University, Durham, USA	CBR, USA
2007	Duke University, Durham, USA	Cryo-Cell, USA
2007	Centro de Medicina Hiperbarica Mexicali, Baja California, Mexico	Cryo-Cell Mexico, Mexico
2006	Centro de Medicina Hiperbarica Mexicali, Baja California, Mexico	Cryo-Cell, USA
2005	University of Hamburg, Germany	Vita 34, Germany
2005	Duke University, Durham, USA	CBR, USA
2005	Duke University, Durham, USA	Cryo-Cell, USA

Intrauterinná cievna mozgová príhoda

2010	Duke University, Durham, USA	CBR, USA
2009	Duke University, Durham, USA	CBR, USA
2009	Duke University, Durham, USA	CBR, USA
2009	Duke University, Durham, USA	LifebankUSA, USA
2008	Duke University, Durham, USA	MAZE, USA

Kernikterus

2007	University of Minnesota, Minneapolis, USA	CorCell, USA
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Ochrmutie

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

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

Periventrikulárne leukomalácie

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

Rázštep podnebia

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

Sepsa po transplantácii pečene

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

2010	Duke University, Durham, USA	CBR, USA
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Statická encefalopatia

2009	Duke University, Durham, USA	CBR, USA
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Subarachnoidálne krvácanie

2007	Pirogov Hospital, Sofia, Bulgaria	Cryo-Save, Belgium
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Traumatické poškodenia mozgu

2011	Rodewisch, Germany	Vita 34, Germany
2010	Duke University, Durham, USA	Vita 34, Germany
2009	Duke University, Durham, USA	CBR, USA
2009	confidential	THAI StemLife, Thailand
2009	Ruhr-University, Bochum, Germany	Vita 34, Germany
2008	Miami Children's Hospital, Miami, USA	ViaCord, USA
2008	USA	ViaCord, USA
2008	Duke University, Durham, USA	CBR, USA
2008	confidential	Polish Stem Cells Bank (PBKM), Poland
2008	Duke University, Durham, USA	CBR, USA
2005	Duke University, Durham, USA	CBR, USA

Referencie

www.cryo-cell.com/services/transplant_matrix.asp

www.cryo-save.com/int/#

www.viacord.com/service-expertise-transplant-history.htm

www.cordblood.net/pdf/transplant_summary.pdf

www.parentsguidecordblood.org/content/usa/medical/autocbt.shtml?navid=38

www.cordbloodcenter.com/en/Corporate/CBC/Success-of-CBC-Group.alej

Dr. Verter, Parent's Guide to Cord Blood Foundation, private communication