

Count	Product	Cell Type	Clinical Indication	Administration Route	Reagent Status	Pre-Clinical	Phase I	Phase II	Phase III
1	CryoStor	Dendritic Cells	Glioblastoma Multiforme	Subcutaneous	Excipient	x	x	x	
2	CryoStor	Transduced auto T-cells	Metastatic Melanoma	N/A	Ancillary	x	x	x	
3	CryoStor	Auto chondrocytes	Joint Disease (Articular Cartilage Defects)	N/A	Ancillary	x	x	x	x
4	CryoStor	Auto DC's	Prostate Cancer	Intradermal	Excipient	x	x		
5	CryoStor	T-cells	AML, ALL	Intravenous	Unable to Disclose	x	x	x	
6	CryoStor	T-cells	Myeloma	Intravenous	Excipient	x	x	x	
7	CryoStor	T-cells	AML	Intravenous	Excipient	x	x	x	
8	CryoStor	T-cells	GVHD	Intravenous	Excipient	x	x		
9	CryoStor	Transduced Auto CD34+ HSC	CCALD	Intravenous	Excipient	x		x	x
10	CryoStor	Transduced Auto HSC	beta-thalassemia major	Intravenous	Excipient	x	x	x	
11	CryoStor	Modified auto HSC	Sickle Cell Disease	Intravenous	Excipient	x	x		
12	CryoStor	Allo osteoblasts	delayed-union fractures of long bones	Unable to Disclose	Unable to Disclose	x	x	x	
13	CryoStor	Allo Cardiosphere-derived cells	AMI	Intracoronary	Excipient	x	x	x	
14	CryoStor	Allo Cardiosphere-derived cells	Heart Failure	Intracoronary	Excipient	x	x		
15	CryoStor	Auto, BM-derived cardiopoietic stem cells	Chronic Heart Failure	N/A	Ancillary	x	x	x	
16	CryoStor	Unable to Disclose	Unable to Disclose	Unable to Disclose	Unable to Disclose	x			
17	CryoStor	Unable to Disclose	Unable to Disclose	Unable to Disclose	Unable to Disclose	x			
18	CryoStor	PB stem cells	Pediatric Blood Cancers	Intravenous	Excipient	Hospital Practice of Medicine			

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19	CryoStor	Unable to Disclose	Knee Osteoarthritis	Intra-articular	Ancillary	x			
20	CryoStor	Unable to Disclose	Hematopoietic	N/A	Ancillary	x			
21	CryoStor	Expanded myeloid progenitor cells	Hematologic Malignancies w/CB transplant	Intravenous	Excipient	x	x		
22	CryoStor	expanded myeloid progenitor cells	Hematologic Malignancies	Intravenous	Excipient	x	x	x	
23	CryoStor	Myleloid Progenitor Cells	AML	Intravenous	Excipient	x	x	x	
24	CryoStor	Unable to Disclose	Unable to Disclose	Unable to Disclose	Unable to Disclose	x			
25	CryoStor	Unable to Disclose	Unable to Disclose	Unable to Disclose	Unable to Disclose	x			
26	CryoStor	Auto DC's	Glioma	N/A	Ancillary	x	x	x	x
27	CryoStor	Allo HSCT	Hematologic Malignancies	Intravenous	Excipient	x			
28	CryoStor	CAR-T Cells	Non-Hodgkin Lymphoma	N/A	Ancillary	x	x	x	
29	CryoStor	CAR-T Cells	Malignant Glioma	N/A	Ancillary	x	x		
30	CryoStor	CAR-T Cells	Non-Hodgkin Lymphoma	N/A	Ancillary	x	x		
31	CryoStor	T-cells	Cancer	Intravenous	Ancillary	x			
32	CryoStor	T-cells	Unable to Disclose	Unable to Disclose	Unable to Disclose	x			
33	CryoStor	T-cells	Leukemias	N/A	Ancillary	x			
34	CryoStor	T-cells	Leukemias	N/A	Ancillary	x			
35	CryoStor	Neural stem cells	Glioma	N/A	Ancillary	x			
36	CryoStor	T-cells	Cancer	N/A	Ancillary	x			

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37	CryoStor	T-cells	Lymphoblastic Leukemia	N/A	Ancillary	x	x		
38	CryoStor	Auto, muscle-derived cells (AMDC)	Urinary Sphincter Repair	Intramuscular	Excipient	x	x	x	x
39	CryoStor	Auto, muscle-derived cells (AMDC)	Fecal Incontinence	Intramuscular	Excipient	x	x	x	
40	CryoStor	Auto, muscle-derived cells (AMDC)	Ischemic Heart Disease	Intramuscular	Excipient	x	x	x	
41	CryoStor	Auto, muscle-derived cells (AMDC)	Male Stress Incontinence	Intramuscular	Excipient	x	x	x	
42	CryoStor	Auto, muscle-derived cells (AMDC)	Female Stress Incontinence	Intraurethral	Excipient	x	x	x	x
43	CryoStor	Dendritic	AML	Intradermal	Excipient	x	x	x	
44	CryoStor	Unable to Disclose	Ischemic Limb Disease	Intramuscular	Excipient	x	x		
45	CryoStor	Transfected auto DC	Melanoma	N/A	Ancillary	x	x		
46	CryoStor	Transfected auto DC	Melanoma	N/A	Ancillary	x	x		
47	CryoStor	Unable to Disclose	Unable to Disclose	Unable to Disclose	Excipient	x	x	x	x
48	CryoStor	TIL	Cancer	Unable to Disclose	Excipient	x	x		
49	CryoStor	TIL	Cancer	Unable to Disclose	Excipient	x	x		
50	CryoStor	TIL	Cancer	Unable to Disclose	Excipient	x	x		
51	CryoStor	TIL	Cancer	Unable to Disclose	Excipient	x	x		
52	CryoStor	TIL	Cancer	Unable to Disclose	Excipient	x	x		
53	CryoStor	TIL	Cancer	Unable to Disclose	Excipient	x	x		
54	CryoStor	T-cells	Cancer	Intravenous	Excipient	x	x		

Count	Product	Cell Type	Clinical Indication	Administration Route	Reagent Status	Pre-Clinical	Phase I	Phase II	Phase III
55	CryoStor	Modified auto T-cells (anti CD19)	Leukemias (CLL), NHL	N/A	Ancillary	x	x	x	
56	CryoStor	TIL	Metastatic Melanoma	N/A	Ancillary	x		x	
57	CryoStor	Transduced auto T-cells	Hematologic Malignancies	N/A	Ancillary	x	x	x	
58	CryoStor	T-cells	Hematologic Malignancies	Intravenous	Ancillary	x	x		
59	CryoStor	Unable to Disclose	Neutropenia	Intravenous	Excipient	x	x	x	
60	CryoStor	Unable to Disclose	Hematologic Malignancies	Intravenous	Excipient	x	x	x	x
61	CryoStor	Expanded, CB-derived stem cells	Hematologic Malignancies	Intravenous	Excipient	x	x	x	
62	CryoStor	CB-derived stem cells + expanded CB cells (two units)	Sickle Cell Disease	Intravenous	Excipient	x	x	x	
63	CryoStor	Unable to Disclose	ALS	Intravenous	Ancillary	x			
64	CryoStor	T-cells	GVHD - Kidney	Intravenous	Excipient	x	x		
65	CryoStor	T-cells	GVHD - Liver	Intravenous	Excipient	x	x		
66	CryoStor	DC	Renal & Liver Cancers	Intratumoral	Excipient	x			
67	CryoStor	Transduced auto DC	Melanoma	Intratumoral	Excipient	x	x		
68	CryoStor	Chondrocytes	Degenerative Disc Disease	N/A	Ancillary	x	x	x	
69	CryoStor	Chondrocytes	Joint Disease	N/A	Ancillary	x	x	x	x
70	CryoStor	Umbilical Tissue Derived Cells	AMD	Sub-retinal	Excipient	x	x	x	
71	CryoStor	CAR-T Cells	Adult ALL	Intravenous	Excipient	x	x	x	
72	CryoStor	CAR-T Cells	NHL	Intravenous	Excipient	x	x	x	

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73	CryoStor	T-cells	Adult ALL	Intravenous	Excipient	x	x	x	
74	CryoStor	T-cells	Melanoma	Intravenous	TBD	x			
75	CryoStor	TIL	Metastatic Melanoma	N/A	Ancillary	x	x	x	
76	CryoStor	Dendritic Cells	Unable to Disclose	Unable to Disclose	Unable to Disclose	x	x		
77	CryoStor	Auto MSCs	Crohn's Disease	N/A	Ancillary	x	x		
78	CryoStor	Auto CB MNC's	HypoThermosolplastic Left Heart	Intracardiac	Excipient	x	x		
79	CryoStor	Auto DC's	Non-Hodgkin Lymphoma	Intratumoral	Excipient	x	x		
80	CryoStor	Measles virus	Ovarian Cancer	N/A	Ancillary	x	x		
81	CryoStor	Measles virus	Glioblastoma Multiforme	Intradermal	Excipient	x	x		
82	CryoStor	Unable to Disclose	GVHD	Intra-arterial	Excipient	x			
83	CryoStor	Unable to Disclose	Multiple System Atrophy	N/A	Ancillary	x			
84	CryoStor	Auto, adipose derived MSCs	Occlusive Kidney Disease	Intra-arterial	Excipient	x	x		
85	CryoStor	Dendritic Cells	Ovarian Cancer	Intradermal	Excipient	x	x		
86	CryoStor	Auto MSCs	Amyotrophic Lateral Sclerosis	Intrathecal	Ancillary	x	x		
87	CryoStor	UCB MSC's	Bronchopulmonary Dysplasia	Intra-Tracheal	Excipient	x	x	x	
88	CryoStor	Endometrial Regenerative Cells	CHF	Intracoronary	Unable to Disclose			x	
89	CryoStor	MSC	Unable to Disclose	Unable to Disclose	Excipient	x			
90	CryoStor	Auto DC's	Ovarian Cancer	Subcutaneous	Excipient	x	x	x	

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91	CryoStor	Dendritic Cells	Melanoma	Subcutaneous	Excipient	x	x	x	x
92	CryoStor	TIL	Non Small Cell Cell Lung Cancer	N/A	Ancillary	x		x	
93	CryoStor	TIL	Metastatic Melanoma	N/A	Ancillary	x		x	
94	CryoStor	Auto, modified lymphocytes	Metastatic Cancer	N/A	Ancillary	x		x	
95	CryoStor	CAR-T Cells	B Cell Malignancies	N/A	Excipient	x	x	x	
96	CryoStor	CAR-T Cells	Metastatic Cancer	N/A	Ancillary	x	x	x	
97	CryoStor	CAR-T Cells	Malignant Glioma	N/A	Ancillary	x	x	x	
98	CryoStor	CAR-T Cells	Metastatic Cancer	N/A	Ancillary	x	x	x	
99	CryoStor	TIL	Metastatic GI Cancers	N/A	Ancillary	x		x	
100	CryoStor	TIL	Metastatic Melanoma	N/A	Ancillary	x		x	
101	CryoStor	TIL	Metastatic Melanoma	N/A	Ancillary	x	x		
102	CryoStor	TIL	HPV Associated Cancers	N/A	Ancillary	x		x	
103	CryoStor	TIL	Metastatic Ocular Melanoma	N/A	Ancillary	x		x	
104	CryoStor	TIL	Synovial cell sarcoma	N/A	Ancillary	x		x	
105	CryoStor	TIL	Melanoma	N/A	Ancillary	x		x	
106	CryoStor	TIL	Metastatic Cancer	N/A	Ancillary	x		x	
107	CryoStor	TIL	Melanoma	N/A	Ancillary	x	x	x	
108	CryoStor	TIL	Melanoma	N/A	Ancillary	x		x	

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109	CryoStor	TIL	Metastatic Cancer	N/A	Ancillary	x	x	x	
110	CryoStor	TIL	HPV Associated Cancers	N/A	Ancillary	x	x	x	
111	CryoStor	Auto T-cells imilecleucel-T	Multiple Sclerosis	Subcutaneous	Excipient	x	x	x	
112	CryoStor	ELA	Spinal fusion	Intravertebral	Unable to Disclose	x			
113	CryoStor	Allo, liver-derived progenitors	Urea Cycle Disorders	N/A	Ancillary	x	x	x	x
114	CryoStor	BM-derived HSC from organ donor	Organ Rejection (Kidney)	N/A	Ancillary	x	x	x	x
115	CryoStor	MSC	Canine AML	Unable to Disclose	Unable to Disclose	x			
116	CryoStor	Allo, modified stromal cells	Ischemic Stroke	N/A	Ancillary	x	x	x	
117	CryoStor	Unable to Disclose	Chronic Neurological Deficits	Unable to Disclose	Unable to Disclose	x			
118	CryoStor	Modified auto T-cells	HIV	N/A	Ancillary	x	x		
119	CryoStor	HSPC	β-thalassemia	Unable to Disclose	Excipient	x			
120	CryoStor	Modified auto T-cells (anti CD19)	Acute Lymphoblastic Leukemia	N/A	Ancillary	x	x		
121	CryoStor	T-cells	Neuroblastoma	N/A	Ancillary	x	x		
122	CryoStor	Dendritic Cells	Prostate Cancer	Subcutaneous	Excipient	x	x	x	
123	CryoStor	Dendritic Cells	Prostate Cancer	Subcutaneous	Excipient	x	x	x	x
124	CryoStor	Dendritic Cells	Prostate Cancer	Subcutaneous	Excipient	x	x	x	
125	CryoStor	Dendritic Cells	Ovarian Epithelial Cancer	Subcutaneous	Excipient	x	x	x	
126	CryoStor	Dendritic Cells	Ovarian Cancer	Subcutaneous	Excipient	x	x	x	

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127	CryoStor	Dendritic Cells	Ovarian Epithelial Cancer	Subcutaneous	Excipient	x	x	x	
128	CryoStor	Dendritic Cells	Prostate Cancer	Subcutaneous	Excipient	x	x	x	
129	CryoStor	Dendritic Cells	Prostate Cancer	Subcutaneous	Excipient	x	x	x	
130	CryoStor	Dendritic Cells	Prostate Cancer	Subcutaneous	Excipient	x	x	x	
131	CryoStor	Allo, BM MSC's	Ischemic Stroke	N/A	Ancillary	x	x	x	
132	CryoStor	Allo, BM MSC's	AMI	N/A	Ancillary	x	x	x	
133	CryoStor	Allo, BM MSC's	Cutaneous Photoaging	N/A	Ancillary	x	x	x	
134	CryoStor	MSC	Heart Failure	Intravenous	Unable to Disclose	x	x	x	
135	CryoStor	Adipose derived MSC	Spinocerebellar Ataxia	Intravenous	Excipient	x	x		
136	CryoStor	Adipose derived MSC	Arteriovenous Malformation	Unable to Disclose	Unable to Disclose	x			
137	CryoStor	Adipose derived MSC	Osteoarthritis	Intra-articular	Excipient	x	x		
138	CryoStor	Unable to Disclose	ALS	Unable to Disclose	Excipient	x	x		
139	CryoStor	Unable to Disclose	Parkinson's Disease	Unable to Disclose	Excipient	x			
140	CryoStor	Unable to Disclose	Alzheimer's Disease	Unable to Disclose	Excipient	x			
141	CryoStor	Adipose derived MSC	Severe Brain Injury	Intravenous	Excipient	x	x		
142	CryoStor	Placental	Wound repair/ deep burns	N/A	Ancillary	x	x	x	
143	CryoStor	Placental	Radiation Injury	N/A	Ancillary	x	x		
144	CryoStor	ACCS	Gingivitis	Intra-oral	Unable to Disclose	x	x		

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145	CryoStor	MSC	Chronic Venous Ulcer	Unable to Disclose	Ancillary	x			
146	CryoStor	Chondrocytes	Joint Disease	Intra-articular	Excipient	x	x	x	
147	CryoStor	Chondrocytes	Degenerative Arthritis	Intra-articular	Excipient	x	x	x	
148	CryoStor	Chondrocytes	Degenerative Arthritis	Intra-articular	Excipient	x	x	x	x
149	CryoStor	T-cells	Crohn's Disease	Intravenous	Excipient	x	x	x	
150	CryoStor	T-cells	Autoimmune Uveitis	Unable to Disclose	Excipient	x			
151	CryoStor	Auto Treg	Treg Production (possibly Type 1 Diabetes)	N/A	Ancillary	x			
152	CryoStor	Dendritic	Prostate Cancer	Subcutaneous	Excipient	x	x		
153	CryoStor	CAR-T Cells	CLL, NHL	Intravenous	Excipient	x			
154	CryoStor	Adipose derived MSC	Osteoarthritis	Intra-articular	Excipient	x			
155	CryoStor	MSC from synovial membrane and infrapatellar Fat Pad	knee osteoarthritis	Intra-articular	Excipient	x	x	x	
156	CryoStor	Unable to Disclose	Unable to Disclose	Unable to Disclose	Unable to Disclose				
157	CryoStor	Bone marrow-derived mesenchymal stem cells (MSCs)	Glioblastoma multiforme (GBM)	Unable to Disclose	Unable to Disclose	x	x		
158	CryoStor	MSC from cord blood	heart failure	Unable to Disclose	Unable to Disclose	x			
159	CryoStor	MSC from cord blood	AMI	Unable to Disclose	Unable to Disclose	x			
160	CryoStor	MSC from cord blood	refractory angina	Unable to Disclose	Unable to Disclose	x			
161	CryoStor	MSC from cord blood	osteoarthritis (knee)	Unable to Disclose	Unable to Disclose	x			
162	CryoStor	MSC from cord blood	diabetic foot ulcer	Unable to Disclose	Unable to Disclose	x			

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163	CryoStor	Bone Marrow	ADA-SCID	Unable to Disclose	Unable to Disclose	x			
164	CryoStor	Dendritic Cells	Liver Cancer	Unable to Disclose	Excipient	x			
165	CryoStor	Dendritic Cells	AML	Unable to Disclose	Unable to Disclose	x	x	x	
166	CryoStor	Unable to Disclose	Unable to Disclose	Unable to Disclose	Excipient				
167	CryoStor	TCRs	non-small cell lung cancer (NSCLC)	Unable to Disclose	Unable to Disclose	x			
168	CryoStor	CAR-T Cells	BCMA	Unable to Disclose	Excipient	x	x		
169	CryoStor	MSC from bone marrow	diabetic ulcer	Unable to Disclose	Excipient	x			
170	CryoStor	T Cells	non-small cell lung cancer	Unable to Disclose	Unable to Disclose	x	x		
171	CryoStor	T Cells	renal cell carcinoma	Unable to Disclose	Unable to Disclose	x	x		
172	CryoStor	T Cells	melanoma	Unable to Disclose	Unable to Disclose	x	x		
173	CryoStor	T-cells	Pediatric ALL	Intravenous	Excipient	x	x	x	
174	CryoStor	T-cells	Unable to Disclose	Unable to Disclose	Unable to Disclose				
175	CryoStor	MSC	Unable to Disclose	Unable to Disclose	Excipient				
176	CryoStor	Unable to Disclose	Duchenne Muscular Dystrophy	Intracoronary	Excipient	x	x		
177	CryoStor	TIL	Squamous Cell Carcinoma of Head and Neck or Cervical Carcinoma	Unable to Disclose	Unable to Disclose	x	x		
178	CryoStor	T-cells	Multiple Sclerosis	Unable to Disclose	Unable to Disclose	x	x	x	
179	CryoStor	T-cells	Solid Tumors	Unable to Disclose	Unable to Disclose	x			
180	HypoThermosol	Auto, expanded, BM-derived, multicellular (MSC's, Macrophages)	Heart failure due to Idiopathic Dilated Cardiomyopathy (IDCM)	Intraventricular	Excipient	x	x	x	

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181	HypoThermosol	Auto, expanded, BM-derived, multicellular (MSC's, Macrophages)	Critical Limb Ischemia	Intramuscular	Excipient	x	x	x	x
182	HypoThermosol	Proprietary adult stem cell product	Ulcerative Colitis	Intravenous	Excipient	x		x	
183	HypoThermosol	Cultured, expanded skeletal myoblasts	Post MI CHF	IM - ventricular	Excipient	x	x	x	x
184	HypoThermosol	Unable to Disclose	GVHD	Intravenous	Excipient	x			
185	HypoThermosol	Auto, muscle-derived cells (AMDC)	Stress Urinary Incontinence	N/A	Ancillary	x	x	x	x
186	HypoThermosol	Auto, muscle-derived cells (AMDC)	Female Urinary Sphincter Repair	N/A	Ancillary	x	x	x	x
187	HypoThermosol	Auto, muscle-derived cells (AMDC)	Fecal Incontinence	N/A	Ancillary	x	x	x	
188	HypoThermosol	Auto, muscle-derived cells (AMDC)	Advanced Ischemic Heart Failure	N/A	Ancillary	x	x	x	
189	HypoThermosol	Dermal Fibroblasts	Nasalabial folds	Intradermal	Excipient	x			
190	HypoThermosol	Unable to Disclose	Cardiac Ischemia	Intravenous	Excipient	x	x	x	
191	HypoThermosol	Unable to Disclose	Heart Failure	Intraventricular	Excipient	x			
192	HypoThermosol	Dermal Fibroblasts	RDEB	Subcutaneous	Excipient	x	x	x	
193	HypoThermosol	TIL	Metastatic Melanoma	N/A	Ancillary	x	x	x	
194	HypoThermosol	Limbal Epithelial Cells	Vision Loss	N/A	Ancillary	x			
195	HypoThermosol	T-cells	ALL	N/A	Ancillary	x			
196	HypoThermosol	T-cells	Multiple Sclerosis	Subcutaneous	Excipient	x		x	
197	HypoThermosol	Neural stem cells	Post ischemic stroke rehabilitation	Intracranial	Excipient	x	x	x	
198	HypoThermosol	Neural stem cells	PAD	Intramuscular	Excipient	x	x		

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199	HypoThermosol	Unable to Disclose	Unable to Disclose	Unable to Disclose	Unable to Disclose	x			
200	HypoThermosol	MSC	Chronic Venous Ulcer	N/A	Ancillary	x			
201	HypoThermosol	Expanded, allo, adipose-derived stem cells	Safety Study	Intralymphatic	Excipient	x	x		
202	HypoThermosol	BM-derived HSC from organ donor	Organ Rejection (Kidney)	Intravenous	Excipient	x	x	x	x
203	HypoThermosol	Foreskin-derived allo human dermal fibroblasts	Wound healing, remodeling scar contractures	Subcutaneous	Excipient	x	x	x	
204	HypoThermosol	T-cells	Kidney allograft rejection-Living donor	Intravenous	Ancillary	x	x		
205	HypoThermosol	Unable to Disclose	Unable to Disclose	Unable to Disclose	Unable to Disclose				
206	HypoThermosol	MSC	Unable to Disclose	Unable to Disclose	Excipient				
207	HypoThermosol	TIL	Squamous Cell Carcinoma of Head and Neck or Cervical Carcinoma	Unable to Disclose	Unable to Disclose	x	x		