

# HTC Past Twinning Partnerships

| Start year | Emerging Twin (Centre / City / Country) |  |  | Established Twin (Centre / City / Country) |  |  |
|------------|-----------------------------------------|--|--|--------------------------------------------|--|--|
|------------|-----------------------------------------|--|--|--------------------------------------------|--|--|

## Central America & Caribbean:

|      |                                                             |               |                     |                                                                    |                        |                          |
|------|-------------------------------------------------------------|---------------|---------------------|--------------------------------------------------------------------|------------------------|--------------------------|
| 1996 | Centro Nacional de Hemofilia de Costa Rica, Hospital México | San José      | Costa Rica          | University of North Carolina at Chapel Hill                        | Chapel Hill            | United States of America |
| 1996 | Hemophilia Centre Mona Kingston                             | Kingston      | Jamaica             | University of Texas Houston, Health Sciences Center                | Houston                | United States of America |
| 1999 | Centro Nacional de Sangre Cruz Roja Nicaragüense            | Managua       | Nicaragua           | Centro nacional de hemofilia                                       | Caracas                | Venezuela                |
| 2001 | Hospital del Nino                                           | Panama City   | Panama              | Hospital Universitario la Fe                                       | Valencia               | Spain                    |
| 2000 | Instituto de Hematología e InmunologíaA                     | Havana        | Cuba                | Azienda Ospedaliera Careggi Hemophilia Center, Ospedale di Careggi | Florence               | Italy                    |
| 2003 | Hospital Infantil Dr. Robert Reid Cabral                    | Santo Domingo | Dominican Republic  | Centro Nacional de Hemofilia de Venezuela                          | Caracas                | Venezuela                |
| 2006 | Hospital de Niños Benjamin Bloom                            | San Salvador  | El Salvador         | Gulf States Hemophilia and Thrombophilia Center                    | Houston                | United States of America |
| 2007 | Hospital Mexico and CIHATA of University of Costa Rica      | San José      | Costa Rica          | Hess-Children's Hospital                                           | Bremen                 | Germany                  |
| 2012 | Cruz Roja Nicaragüense – Servicio                           | Managua       | Nicaragua           | Kingston General Hospital                                          | Kingston               | Canada                   |
| 2016 | General Hospital Port of Spain                              | Port of Spain | Trinidad & Tobago   | IHTC Hemocentro de Campinas – Unicamp                              | Campinas               | Brazil                   |
| 2018 | Queen Elizabeth Hospital                                    | Bridgetown    | Barbados            | The Hospital for Sick Children                                     | Toronto                | Canada                   |
| 2024 | Eric Williams Medical Sciences Complex                      | Port of Spain | Trinidad and Tobago | The Hospital for Sick Children                                     | Toronto                | Canada                   |
|      |                                                             |               |                     |                                                                    | <b>Regional total:</b> | <b>12</b>                |

## South America:

|      |                 |           |           |  |              |                          |
|------|-----------------|-----------|-----------|--|--------------|--------------------------|
| 1994 | Banco de Sangre | Caracas   | Venezuela |  | Worcester    | United States of America |
| 1994 |                 | Bogota    | Colombia  |  | New York     | United States of America |
| 1995 |                 | Lima      | Peru      |  | Buenos Aires | Argentina                |
| 1995 |                 | Sao Paolo | Brazil    |  | New York     | United States of America |
| 1995 |                 | Santiago  | Chile     |  | Atlanta      | United States of America |

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| 1996                   | Fundación Santa Fé de Bogotá                               | Bogota                  | Colombia  | Orthopaedic Hospital of Los Angeles Hemophilia Program                               | Los Angeles  | United States of America |
| 1996                   | Hemocentro de Pernambuco                                   | Recife                  | Brazil    | Sheffield Teaching Hospitals Trust, Royal Hallamshire Hospital                       | Sheffield    | United Kingdom           |
| 1998                   | Ministerio de Salud Pública                                | Montevideo              | Uruguay   | Instituto de Investigaciones Hematológicas Mariano R. Castex                         | Buenos Aires | Argentina                |
| 2004                   | Hospital Dos de Mayo                                       | Lima                    | Peru      | Fort Worth Bleeding Disorders Program                                                | Forth Worth  | United States of America |
| 2007                   | Hospital Sotero del Rio-Pontificia                         | Santiago                | Chile     | Hospital Universitario La Fe                                                         | Valencia     | Spain                    |
| 2007                   | Centros de Hemofílicos                                     | Santiago                | Chile     | Instituto de Investigaciones Hematológicas                                           | Buenos Aires | Argentina                |
| 2009                   | Hospital "Baca Ortiz"                                      | Quito                   | Ecuador   | CNH – BMS                                                                            | Caracas      | Venezuela                |
| 2019                   | Hospital Nacional Carlos Alberto Seguin Escobedo           | Arequipa                | Peru      | Children's Hospital of Los Angeles                                                   | Los Angeles  | United States of America |
| 2014                   | Hospital de Niños                                          | Santa Cruz de la Sierra | Bolivia   | Fundación de la Hemofilia                                                            | Buenos Aires | Argentina                |
| 2016                   | General Hospital Port of Spain                             | Montevideo              | Uruguay   | Children's Hospital of Los Angeles                                                   | Los Angeles  | United States of America |
| 2023                   | Hospital Lucio Molas & Hospital Materno Infantil San Roque | Parana & Santa Rosa     | Argentina | Fundación de la Hemofilia                                                            | Buenos Aires | Argentina                |
| 2024                   | Hematology Department at Georgetown Public Hospital        | Georgetown              | Guyana    | The Louisiana Center for Bleeding and Clotting Disorders - Tulane School of Medicine | Louisiana    | United States of America |
| <b>Regional total:</b> |                                                            |                         |           |                                                                                      |              | <b>17</b>                |

## Western Africa

|      |                                                              |              |            |                                                                                                   |             |             |
|------|--------------------------------------------------------------|--------------|------------|---------------------------------------------------------------------------------------------------|-------------|-------------|
| 2009 | CNTS Dakar                                                   | Dakar        | Senegal    | IHTC Necker                                                                                       | Paris       | France      |
| 2009 | Centre Hospitalier et Universitaire<br>University of Yaoundé | Yaounde      | Cameroon   | University Hospital of Geneva                                                                     | Geneva      | Switzerland |
| 2014 | HJRA Hospital                                                | Antananarivo | Madagascar | Centre Régional de Traitement de l'Hémophilie, Centre Hospitalier Régional Universitaire de Brest | Brest       | France      |
| 2014 | Centre Hospitalier                                           | Bamako       | Mali       | Hopital Saint Eloi                                                                                | Montpellier | France      |

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|            | Universitaire Point G                                    |              |                   |                                                                                                                                         |                        |           |
| 2015       | Service hématologie                                      | Abidjan      | Ivory Coast       | Unité d'Hémostase-Thrombose, Service d'Hématologie Adulte Service d'Hématologie Pédiatrique                                             | Brussels               | Belgium   |
| 2015       | Centre Hospitalier Universitaire Sylvanus Olympio        | Lomé         | Togo              | Haemostasis Unit, Division of Angiology and Haemostasis, University Hospitals of Geneva and Hôpital Purpan Centre Régional d'Hémophilie | Toulouse               | France    |
| 2018       | HTC Antananarivo, CHU JRA Antananarivo                   | Antananarivo | Madagascar        | CRTH Clermont-Ferrand Auvergne, CHU Clermont-Ferrand                                                                                    | Clermont-Ferrand       | France    |
| 2018       | Centre Hospitalier Universitaire Charles de Gaulle       | Ouagadougou  | Burkina Faso      | CHU Saint-Etienne                                                                                                                       | Saint Etienne          | France    |
| 2022       | Centre Hospitalier Universitaire de Kigali (CHUK)        | Kigali       | Rwanda            | Centre de Traitement de l'Hémophilie du CHU de Nantes                                                                                   | Nantes                 | France    |
| 2022       | Centre National Hospitalier Universitaire (CNHU) Cotonou | Cotonou      | Benin             | CRTH Hôpital Trousseau, CHRU de Tours                                                                                                   | Tours                  | France    |
| 2022       | Centre National de Référence de la Drépanocytose (CNRDr) | Brazzaville  | Republic of Congo | Centre des Hemophiles du Centre Hospitalier Regional De Bordeaux                                                                        | Bordeaux               | France    |
|            |                                                          |              |                   |                                                                                                                                         | <b>Regional total:</b> | <b>11</b> |

## Eastern, Central & Southern Africa

|      |                                                       |          |              |                                                      |              |                          |
|------|-------------------------------------------------------|----------|--------------|------------------------------------------------------|--------------|--------------------------|
| 1996 | University of Nairobi                                 | Nairobi  | Kenya        | Azienda Ospedaliera Careggi                          | Florence     | Italy                    |
| 1999 | King Edward VIII Hospital                             | Durban   | South Africa | Churchill Hospital Headington                        | Oxford       | United Kingdom           |
| 1999 | Parirenyatwa Hospital                                 | Harare   | Zimbabwe     | Royal Perth Hospital                                 | Perth        | Australia                |
| 2003 | Princess Marina Hospital Haemophilia Treatment Centre | Gaborone | Botswana     | Penn Comprehensive Hemophilia and Thrombosis Program | Philadelphia | United States of America |
| 2003 | Kenyatta National Hospital                            | Nairobi  | Kenya        | University Hospital Frankfurt                        | Frankfurt    | Germany                  |

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| 2004       | Queen Elizabeth II Hospital                                             | Maseru        | Lesotho    | Haemophilia Centre of Western Australia, Royal Perth Hospital                | Perth                  | Australia                |
| 2005       | Hospital Baptista de Sousa                                              | Cape Verde    | Cape Verde | Centro Hospitalar de Coimbra, Hospital dos Covoes                            | Coimbra                | Portugal                 |
| 2007       | National Hemophilia Association of Eritrea                              | Asmara        | Eritrea    | Haemophilia Centre Zürich                                                    | Zurich                 | Switzerland              |
| 2009       | Tikur Anbessa Hospital                                                  | Addis Ababa   | Ethiopia   | UNC Chapel Hill                                                              | Chapel Hill            | United States of America |
| 2010       | Korle Bu Teaching Hospital                                              | Accra         | Ghana      | Children's Hospital of Philadelphia                                          | Philadelphia           | United States of America |
| 2011       | Moi University and Referral Hospital                                    | Eldoret       | Kenya      | Indiana Hemophilia and Thrombosis Center                                     | Indianapolis           | United States of America |
| 2014       | National Hospital Abuja                                                 | Abuja         | Nigeria    | RUSH Hemophilia and Thrombophilia Center                                     | Chicago                | United States of America |
| 2014       | Muhimbili National Hospital                                             | Dar es Salaam | Tanzania   | Hemophilia Center of Western Pennsylvania                                    | Pittsburgh             | United States of America |
| 2014       | Mulago Hospital                                                         | Kampala       | Uganda     | Great Ormond Street Hospital for Children                                    | London                 | United Kingdom           |
| 2016       | St. Paul's Hospital Millennium Medical College                          | Addis Ababa   | Ethiopia   | Karmanos Cancer Center                                                       | Detroit                | United States of America |
| 2016       | University of Nigeria Teaching Hospital                                 | Enugu         | Nigeria    | Children's Hospital of Philadelphia                                          | Philadelphia           | United States of America |
| 2017       | Parirenyatwa Group of Hospitals                                         | Harare        | Zimbabwe   | UNC Chapel Hill                                                              | Chapel Hill            | United States of America |
| 2018       | Jawaharlal Nehru Hospital                                               | Rose Belle    | Mauritius  | Charlotte Maxeke Johannesburg Academic Hospital                              | Johannesburg           | South Africa             |
| 2019       | Tikur Anbessa (Black Lion) Specialized Hospital (TASH)                  | Addis Ababa   | Ethiopia   | Children's Minnesota                                                         | Minneapolis            | United States of America |
| 2019       | Maputo Central Hospital                                                 | Maputo        | Mozambique | Hemophilia & Thrombosis Treatment Center, University of California San Diego | San Diego              | United States of America |
| 2024       | Instituto Hematológico Pediátrico Drª Victória Do Espírito Santo Luanda | Luanda        | Angola     | IHTC Campinas, Hemocentro UNICAMP, University of Campinas                    | Campinas               | Brazil                   |
|            |                                                                         |               |            |                                                                              | <b>Regional total:</b> | <b>21</b>                |

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## Europe:

|      |                                                                                             |                |             |                                                                             |                      |                          |
|------|---------------------------------------------------------------------------------------------|----------------|-------------|-----------------------------------------------------------------------------|----------------------|--------------------------|
| 1994 | Hospital and University Center of Tirana                                                    | Tirana         | Albania     | A. Bianchi Bonomi Hemophilia and Thrombosis Centre, IRCCS Ospedale Maggiore | Milan                | Italy                    |
| 1994 | Seamen's Hospital                                                                           | Klaipeda       | Lithuania   | Malmö University Hospital University of Lund                                | Malmö                | Sweden                   |
| 1994 | University Hospital St. Cyril and Metode                                                    | Bratislava     | Slovak Rep. | Sheba Medical Center                                                        | Tel Hashomer         | Israel                   |
| 1995 | University Hospital REBRO                                                                   | Zagreb         | Croatia     | Churchill Hospital Headington                                               | Oxford               | United Kingdom           |
| 1995 | University Children's Hospital                                                              | Riga           | Latvia      | Ambulanzzentrum an der Raphaelsklinik                                       | Munster              | Germany                  |
| 1996 | Spitalul Clinic de Urgenta pentru Copii "Louis Turcanu" University of Medicine and Pharmacy | Timisoara      | Romania     | Ludwig-Maximilian University                                                | Munich               | Germany                  |
| 1996 | First Moscow Sechenow Medical Institute Akad Kapitza                                        | Moscow         | Russia      | Mayo Comprehensive Hemophilia Center                                        | Rochester            | United States of America |
| 1997 | University Hospital Motol                                                                   | Prague         | Czech Rep.  | University of South Florida                                                 | Tampa                | United States of America |
| 1997 | Tartu University Clinic                                                                     | Tartu          | Estonia     | Karolinska University Hospital                                              | Stockholm            | Sweden                   |
| 1997 | National Center of Hematology and Transfusiology                                            | Sofia          | Bulgaria    | Universita di Palermo, Azienda Univ. Policlinico                            | Palermo              | Italy                    |
| 1998 | University Hospital Sv. Georgi                                                              | Plovdiv        | Bulgaria    | Medizinische Einrichtungen der Universität Bonn                             | Bonn                 | Germany                  |
| 1998 | Institute of Hematology & Transfusiology                                                    | Tbilisi        | Georgia     | Hemophilia & Thrombosis Center Fairview University Medical Center           | Minneapolis          | United States of America |
| 1998 | Russian Research Institute Republic Center for Haemophilia Treatment and Transfusiology     | St. Petersburg | Russia      | Boston Hemophilia Centre—Children, Boston Children's Hospital               | Boston               | United States of America |
| 2000 | Hospital and University Center of Tirana                                                    | Tirana         | Albania     | Ospedale S. Bortolo                                                         | Vicenza              | Italy                    |
| 2000 | Moscow Children's Hematology Centre                                                         | Moscow         | Russia      | Manchester Royal Infirmary                                                  | Liverpool/Manchester | United Kingdom           |

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| 2003       | Russian Academy of Medical Sciences                                                                                         | Moscow         | Russia     | Churchill Hospital Headington                                     | Oxford      | United Kingdom           |
| 2004       | Center of Hematology                                                                                                        | Yerevan        | Armenia    | University of Minnesota                                           | Minneapolis | United States of America |
| 2003       | National Blood Transfusion Institute, Center for Hemophilia, Svetog                                                         | Belgrade       | Serbia     | Hamilton-Niagara Regional Hemophilia Program                      | Hamilton    | Canada                   |
| 2005       | National Hematology Center Belarus                                                                                          | Minsk          | Belarus    | London Health Sciences Center                                     | London      | Canada                   |
| 2005       | St. Petersburg Hemophilia Centre                                                                                            | St. Petersburg | Russia     | Manchester Royal Infirmary                                        | Manchester  | United Kingdom           |
| 2005       | Mir Gasimov Republic Hospital                                                                                               | Baku           | Azerbaijan | Hemophilia Society of Turkey                                      | Istanbul    | Turkey                   |
| 2007       | Treatment Hemophilia Centre for adults and Research Institute of Mother and Child Health Care/ Hematology Unit              | Chisinau       | Moldova    | Institute of Hematology and Blood Transfusion                     | Warsaw      | Poland                   |
| 2007       | Kyiv City Hemophilia Centre                                                                                                 | Kyiv           | Ukraine    | Moscow Children's Hematology Centre                               | Moscow      | Russia                   |
| 2007       | National Institute of Haematology                                                                                           | Bucharest      | Romania    | Cliniques universitaires St-Luc                                   | Brussels    | Belgium                  |
| 2009       | HTC University Children's Hospital<br>HTC Republic Institute of transfusion medicine<br>HTC University Clinic of Hematology | Skopje         | Macedonia  | HTC Institut for Experimental Haematology and Transfusionmedicine | Bonn        | Germany                  |
| 2010       | Hospital Center for Maternal and Child Welfare in the Ministry of Health of the Kyrgyz Republic                             | Bishkek        | Kyrgyzstan | Mary M. Gooley Hemophilia Treatment Center                        | Rochester   | United States of America |
| 2010       | Haematology center of Uzbekistan                                                                                            | Tashkent       | Uzbekistan | Istanbul University, Department of Pediatric Haematology-Oncology | Istanbul    | Turkey                   |

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|------------|-----------------------------------------------------------------------------------------------------|----------|------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------|---------|
| 2012       | Republican science center of emergency medical service                                              | Astana   | Kazakhstan | Hematology Research Center                                                                                                        | Moscow         | Russia  |
| 2013       | National Center of Reference of Haemophilia                                                         | Tirana   | Albania    | Institute of Hematology and Transfusion Medicine                                                                                  | Warsaw         | Poland  |
| 2014       | North Estonia Medical Centre                                                                        | Tallinn  | Estonia    | Helsinki University Central Hospital                                                                                              | Helsinki       | Finland |
| 2014       | St. Marina University Hospital of Varna                                                             | Varna    | Bulgaria   | University Hospital Bonn                                                                                                          | Bonn           | Germany |
| 2015       | Republican Functional Centre for Treatment of Hemophilia for Adults                                 | Chisinau | Moldova    | City Centre on Treatment of Patients with Hemophilia                                                                              | St. Petersburg | Russia  |
| 2016       | Institute of blood pathology and transfusion medicine of UNAMS                                      | Lviv     | Ukraine    | Haemophilia Centre Rhein Main                                                                                                     | Frankfurt      | Germany |
| 2016       | The National Center for Maternal and Child Welfare in the Ministry of Health of the Kyrgyz Republic | Bishkek  | Kyrgyzstan | Istanbul University, Hemophilia Comprehensive Centre                                                                              | Istanbul       | Turkey  |
| 2018       | National Center of Oncology and Hematology under the Ministry of Health of the Kyrgyz Republic      | Bishkek  | Kyrgyzstan | National Medical Research Centre of Hematology                                                                                    | Moscow         | Russia  |
| 2018       | Clinical Center of Vojvodina, Clinic of Hematology                                                  | Novi Sad | Serbia     | National Haemophilia Center, Medical Centre Hungarian Defence Forces/Semmelweis University and Semmelweis Alapítvány Magyarország | Budapest       | Hungary |
| 2018       | J.S.C. K.Eristavi National Centre of Experimental and Clinical Surgery                              | Tbilisi  | Georgia    | Haemophilia Care Centre, Frankfurt                                                                                                | Frankfurt      | Germany |
| 2019       | Hematology Center after Prof. R Yeolyan of the Ministry of Health of Armenia                        | Yerevan  | Armenia    | Sheba Medical Center                                                                                                              | Tel Hashomer   | Israel  |

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| 2020       | Uneversity Clinical Center of Kosovo - Pediatric Clinic, Hemato-Oncology Department                    | Pristina | Kosovo     | Arkansas Center for Bleeding Disorders                                                             | Little Rock            | United States of America |
| 2025       | Republican Specialized Scientific Practical Medical Center of Hematology, Uzbekistan Hemophilia Centre | Tashkent | Uzbekistan | National Medical Research Centre for Hematology under Ministry of Health of the Russian Federation | Moscow                 | Russia                   |
|            |                                                                                                        |          |            |                                                                                                    | <b>Regional total:</b> | <b>40</b>                |

### Middle East

|      |                                                                        |                  |          |                                                                             |           |                          |
|------|------------------------------------------------------------------------|------------------|----------|-----------------------------------------------------------------------------|-----------|--------------------------|
| 1994 |                                                                        | Tunis            | Tunisia  |                                                                             | Leuven    | Belgium                  |
| 1994 | Hôpital d'Enfants de Rabat                                             | Rabat            | Morocco  | Hôpital Bicêtre Centre d'Hémophiles                                         | Paris     | France                   |
| 1997 | Imam Khomeini General Hospital                                         | Tehran           | Iran     | A. Bianchi Bonomi Hemophilia and Thrombosis Centre, IRCCS Ospedale Maggiore | Milan     | Italy                    |
| 1998 | Aga Khan University Hospital                                           | Karachi          | Pakistan | Leicester Haemophilia Comprehensive Care Centre, Royal Infirmary            | Leicester | United Kingdom           |
| 1999 | Central Health Laboratories, Ministry of Health                        | Cairo            | Egypt    | East Tennessee Comprehensive Hemophilia Treatment Centre                    | Knoxville | United States of America |
| 2001 | Lahore Haemophilia Care Centre, Ammar Medical Complex                  | Lahore           | Pakistan | Van Creveldkliniek, UMC                                                     | Utrecht   | Netherlands              |
| 2022 | Centre des hémophiles, Polyclinique, CHU Beni Messous                  | Algiers          | Algeria  | Hôpital Bicêtre, Centre d'Hémophiles                                        | Paris     | France                   |
| 2002 | Association Libanaise de l'Hémophilie                                  | Beirut           | Lebanon  | Hôpital Universitaire de Genève, Unité d'Hémostase                          | Geneva    | Switzerland              |
| 2002 | Friends of Hemophiliacs in Qatar                                       | Doha             | Qatar    | Oxford Haemophilia Centre and Thrombosis Unit, Churchill Hospital           | Oxford    | United Kingdom           |
| 2003 | Centre Hospitalier Ibn Rochd & Centre de Référence de l'Hémophilie Sud | Casablanca/Rabat | Morocco  | Hôpital de Caën, Centre d'Hémophiles                                        | Caen      | France                   |



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| 2004       | Al Mouassah Hospital Hematology Service                                | Damascus            | Syria    | Hôpital Saint-Eloi, Centre Régional de Traitement des Hémophiles                                   | Montpellier | France                   |
| 2005       | Ayatollah Dastghaib Hospital                                           | Shiraz              | Iran     | A. Bianchi Bonomi Hemophilia and Thrombosis Centre                                                 | Milan       | Italy                    |
| 2005       | Albashir Hospital                                                      | Amman               | Jordan   | Toronto and Central Ontario Hemophilia Centre, St. Michael's Hospital                              | Toronto     | Canada                   |
| 2006       | Alexandria University Hemophilia Centre and Mubarak Pediatric Hospital | Alexandria          | Egypt    | East Tennessee Comprehensive Hemophilia Treatment Center                                           | Knoxville   | United States of America |
| 2006       | Haemophilia Patients Welfare Society                                   | Rawalpindi          | Pakistan | Kent and Canterbury Hospitals, NHS Trust                                                           | Canterbury  | United Kingdom           |
| 2006       | Service d'hématologie adulte CHU Oran                                  | Oran/Sidi-bel-Abbes | Algeria  | CHU de Haute-pierre, Département d'hématologie et oncologie, Hôpitaux Universitaires de Strasbourg | Strasbourg  | France                   |
| 2007       | Hôpital AZIZA OTHMANA (HAO)                                            | Tunis               | Tunisia  | CRTH Aquitaine                                                                                     | Toulouse    | France                   |
| 2010       | Zahi Azrat Hospital                                                    | Aleppo              | Syria    | CRTH Montpellier Hôpital Saint-Eloi                                                                | Montpellier | France                   |
| 2011       | Khartoum Teaching Hospital                                             | Khartoum            | Sudan    | Centre for Haemophilia, Haemostasis & Thrombosis                                                   | Basingstoke | United Kingdom           |
| 2012       | Esfahan Hemophilia center, Sayedalshohada Hospital                     | Esfahan             | Iran     | Hemophilia and Thrombosis Center, Fondazione IRCCS Cà Granda Ospedale Maggiore Policlinico         | Milan       | Italy                    |
| 2015       | Tanta University Hospital                                              | Tanta               | Egypt    | East Tennessee Comprehensive Hemophilia Center                                                     | Knoxville   | United States of America |
| 2017       | Mansoura University Children's                                         | Mansoura            | Egypt    | East Tennessee Comprehensive Hemophilia Center                                                     | Knoxville   | United States of America |
| 2017       | Comprehensive Care Centers, Mofid Children's Hospital                  | Tehran              | Iran     | Hemophilia and Thrombosis Center, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico        | Milan       | Italy                    |

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| 2019       | Thalassaemia and Haemophilia Department, Al Bashir Hospitals                                                 | Amman                 | Jordan    | National Coagulation Centre, St. James's Hospital & National Paediatric Haemophilia Centre, Our Lady's Children's Hospital | Dublin                 | Ireland        |
| 2020       | Beitjala Hospital and Ramallah Medical Complex                                                               | Beitjala/Ramallah     | Palestine | Department of Haematology, Birmingham Children's Hospital                                                                  | Birmingham             | United Kingdom |
| 2022       | Benha Specialized Children Hospital, Souhag Pediatric Hematology Units & Minia University Hemophillia Centre | Benha, Souhag & Menia | Egypt     | Shabrawishi HCCC                                                                                                           | Giza                   | Egypt          |
| 2022       | Baghaei 2 Hospital Ahvaz                                                                                     | Ahvaz                 | Iran      | Angelo Bianchi Bonomi Hemophilia and Thrombosis Center Milan                                                               | Milan                  | Italy          |
| 2024       | CHU de Djibouti                                                                                              | Djibouti City         | Djibouti  | Aziza Othmana Hospital, Hemophilia Center                                                                                  | Tunis                  | Tunisia        |
|            |                                                                                                              |                       |           |                                                                                                                            | <b>Regional total:</b> | <b>28</b>      |

### South Asia & East Asia:

|      |                                     |            |       |                                                                             |             |                          |
|------|-------------------------------------|------------|-------|-----------------------------------------------------------------------------|-------------|--------------------------|
| 1994 |                                     | Kathmandu  | Nepal |                                                                             | Barcelona   | Spain                    |
| 1996 | Lions Hospital and Research Centre  | Delhi      | India | Royal Free NHS Trust                                                        | London      | United Kingdom           |
| 1997 | Chinese Academy of Medical Sciences | Tianjin    | China | Foothills Medical Center                                                    | Calgary     | Canada                   |
| 1998 | Jubilee Memorial Hospital           | Trivandrum | India | Childrens Hospital of Michigan                                              | Detroit     | United States of America |
| 1999 | St. John's Medical College Hospital | Bangalore  | India | St. Louis University Hospital                                               | St. Louis   | United States of America |
| 1999 | KEM Hospital                        | Mumbai     | India | A. Bianchi Bonomi Hemophilia and Thrombosis Centre, IRCCS Ospedale Maggiore | Milan       | Italy                    |
| 1999 | Christian Medical College Hospital  | Vellore    | India | Orthopaedic Hospital of Los Angeles                                         | Los Angeles | United States of America |
| 1999 | Lohade Hospital                     | Pune       | India | Bradford Haemophilia Centre, Bradford Royal Infirmary                       | Bradford    | United Kingdom           |

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| 1999       | Haemophilia Centre of Hong Kong Haematology Department                         | Hong Kong | China      | Katharine Dormandy Haemophilia Centre and Haemostasis Unit                | London         | United Kingdom           |
| 2000       | Nanfang Hospital                                                               | Guangzhou | China      | Children's Hospital of Eastern Ontario                                    | Ottawa         | Canada                   |
| 2002       | Ruijin Hospital                                                                | Shanghai  | China      | Children's Hospital of Eastern Ontario & Foothills Medical Centre         | Ottawa/Calgary | Canada                   |
| 2004       | Haemophilia Society Madras Chapter                                             | Madras    | India      | Louisiana Comprehensive Hemophilia Care Center                            | New Orleans    | United States of America |
| 2005       | Hemophilia Society Mumbai Chapter                                              | Mumbai    | India      | Bradford Royal Infirmary                                                  | Bradford       | United Kingdom           |
| 2006       | Mahosot Hospital                                                               | Vientiane | Laos       | Hôpital Morvan - CHU de Brest                                             | Brest          | France                   |
| 2006       | S.D.M. Medical College and Hospital                                            | Dharwad   | India      | Henry Ford Hospital                                                       | Detroit        | United States of America |
| 2007       | Lady Ridgeway Children's Hospital                                              | Colombo   | Sri Lanka  | Christian Medical College Vellore                                         | Vellore        | India                    |
| 2007       | Little Flower Hospital                                                         | Angamaly  | India      | Bradford Royal Infirmary                                                  | Bradford       | United Kingdom           |
| 2009       | Kasturba Medical College Hospital                                              | Manipal   | India      | University of New Mexico                                                  | Albuquerque    | United States of America |
| 2009       | Hemophilia Society [Delhi]                                                     | Delhi     | India      | Manitoba Pediatric Bleeding Disorders Program                             | Winnipeg       | Canada                   |
| 2010       | Karnataka Haemophilia Society                                                  | Davangere | India      | Liverpool Paediatric Haemophilia Centre                                   | Liverpool      | United Kingdom           |
| 2011       | Dhaka Medical College Hospital and Bangabandhu Sheikh Mujib Medical University | Dhaka     | Bangladesh | The Royal London Hospital Haemophilia Centre                              | London         | United Kingdom           |
| 2012       | Christian Medical College Ludhiana                                             | Ludhiana  | India      | Henry Ford Hospital                                                       | Detroit        | United States of America |
| 2013       | SMS Medical College and Hospital                                               | Jaipur    | India      | Boston Children's Hospital                                                | Boston         | United States of America |
| 2015       | Civil Service Hospital                                                         | Kathmandu | Nepal      | Mary M. Gooley Hemophilia Treatment Center                                | Rochester      | United States of America |
| 2016       | B J Government Medical College & Sassoon General Hospitals                     | Pune      | India      | Southern Haemophilia Network and Southern Academic Coagulation Consortium | Basingstoke    | United Kingdom           |

## HTC Past Twinning Partnerships

| Start year | Emerging Twin (Centre / City / Country)                              |                 |            | Established Twin (Centre / City / Country)                                                                |                        |                          |
|------------|----------------------------------------------------------------------|-----------------|------------|-----------------------------------------------------------------------------------------------------------|------------------------|--------------------------|
| 2018       | Haemophilia Treatment Centre, District Hospital                      | Aluva           | India      | Newcastle Haemophilia Comprehensive Care Centre                                                           | Newcastle              | United Kingdom           |
| 2018       | Clinical Hematology Dept., SCB Medical College & Hospital            | Odisha          | India      | Henry Ford Hospital                                                                                       | Detroit                | United States of America |
| 2019       | Dhaka Shishu (Children) Hospital                                     | Dhaka           | Bangladesh | The Royal London Hospita                                                                                  | London                 | United Kingdom           |
| 2023       | Amrita Institute of Medical Sciences                                 | Kochi           | India      | Manchester University NHS                                                                                 | Manchester             | United Kingdom           |
| 2023       | Gandhi Medical College & Hamidiya Hospital & Lata Mangeskar Hospital | Bhopal & Nagpur | India      | KEM Hospital & ICMR                                                                                       | Mumbai                 | India                    |
| 2025       | Kasturba hospital, Manipal Academy of Higher Education               | Manipal         | India      | Utah Center for Bleeding and Clotting Disorders at Primary Children's Hospital and the University of Utah | Utah                   | United States of America |
|            |                                                                      |                 |            |                                                                                                           | <b>Regional total:</b> | <b>30</b>                |

### Southeast Asia & Western Pacific:

|      |                                                                   |         |             |                                                                  |           |             |
|------|-------------------------------------------------------------------|---------|-------------|------------------------------------------------------------------|-----------|-------------|
| 1996 | Dr. Cipto Mangunkusumo General Hospital                           | Jakarta | Indonesia   | Ramathibodi Hospital                                             | Bangkok   | Thailand    |
| 1998 | Bach Mai Hospital                                                 | Hanoi   | Vietnam     | National Taiwan University Hospital                              | Taipei    | Taiwan      |
| 2000 | University of Santo Tomas Hospital                                | Manila  | Philippines | Alfred Hospital, Ronald Sawers Haemophilia Centre                | Melbourne | Australia   |
| 2010 | Estella Pediatric Hematooncology Center                           | Manado  | Indonesia   | Van Creveldkliniek Hematology; UMCUtrecht                        | Utrecht   | Netherlands |
| 2010 | National Institute of Hematology and Blood Transfusion            | Hanoi   | Vietnam     | Ronald Sawers Haemophilia Centre                                 | Melbourne | Australia   |
| 2012 | Mindanao Hemophilia and other Bleeding Disorders Treatment Center | Davao   | Philippines | Queensland Haemophilia Centre-Royal Brisbane and Womens Hospital | Brisbane  | Australia   |

## HTC Past Twinning Partnerships

| Start year | Emerging Twin (Centre / City / Country)                          |                   |             | Established Twin (Centre / City / Country)                                           |                        |                          |
|------------|------------------------------------------------------------------|-------------------|-------------|--------------------------------------------------------------------------------------|------------------------|--------------------------|
| 2015       | Yangon General Hospital and Children's Hospital                  | Yangon            | Myanmar     | Katharine Dormandy Haemophilia Centre, Royal Free Hospital                           | London                 | United Kingdom           |
| 2016       | Philippine Children's Medical Center                             | Quezon City       | Philippines | Hemophilia Treatment Center of Nevada                                                | Las Vegas              | United States of America |
| 2016       | Dr. Sardjito Hospital (Yogyakarta)/ Dr. Moewardi Hospital (Solo) | Yogyakarta & Solo | Indonesia   | Van Creveldkliniek Department of Benign Hematology University Medical Center Utrecht | Utrecht                | Netherlands              |
| 2020       | Dr Kariadi Hospital Semarang                                     | Semarang          | Indonesia   | Van Creveldkliniek Department of Benign Hematology University Medical Center Utrecht | Utrecht                | Netherlands              |
|            |                                                                  |                   |             |                                                                                      | <b>Regional total:</b> | <b>10</b>                |
|            |                                                                  |                   |             |                                                                                      | <b>Total HTC Twins</b> | <b>169</b>               |