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Changing Diabetes in Children

Novo Nordisk

Submitted as part of Access Accelerated



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The information in this report has been submitted by the company concerned to the Access Observatory at Boston University. The information will be updated regularly. For more information about the Observatory go to www.accessobservatory.org

The information contained in this report is in the public domain and should be cited as: Novo Nordisk, Changing Diabetes in Children (2021), Access Observatory
Boston, US 2021 (online) available from www.accessobservatory.org



Program Overview

Program Name

Changing Diabetes in Children

- 2 Diseases program aims to address
- · Diabetes: Type 1
- Beneficiary population
- Age group: Children under 5 years, adolescents 5-14 years
- · Gender: All genders
- Special populations: Low income, middle income
- 4 Countries
- Cameroon
- Guinea
- Democratic Republic of the Congo
- Kenya
- Uganda
- Tanzania
- Ethiopia
- India
- Bangladesh
- · Cote d'Ivoire
- Senegal
- Sudan
- · Cambodia
- Myanmar
- Program start date

January 11, 2009

Anticipated program completion date

Completion date specified.

Contact person

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Program summary

Changing Diabetes® in Children is a public-private partnership launched by Novo Nordisk in 2009. It is aimed to improve access to care and life-saving medicine and supplies for children and adolescents up to 25 years old with type 1 diabetes living in low resource settings.

Global partners include Roche, the International Society for Pediatric and Adolescent Diabetes (ISPAD), and the World Diabetes Foundation (WDF). Changing Diabetes® in Children consolidates national efforts to address local barriers to healthcare, supporting ministries of health in developing comprehensive diabetes care solutions together with national diabetes associations and other implementing partners.

Memorandums of understanding have been developed with governments in programme countries in order to ensure coordination in the short term and sustainability in the long term.

The programme is structured around quality components aimed at building a holistic care system to bring all elements of necessary diabetes care closer to the children. In collaboration with national health authorities, Changing Diabetes® in Children ensures a rural reach, in order to reduce travel time and travel costs for children and families to access adequate care.

The quality components include:

- 1. Patient education and advocacy. Changing® Diabetes in Children has developed patient education materials adapted to children and adolescents. The innovative and locally adapted materials for patient education feature step-by-step visual instructions and are ISPAD approved. The comprehensive set of patient education materials has been developed in English, French, Swahili and Amharic and is available for download from novonordisk.com/cdic
- 2. Training of healthcare professionals. Changing Diabetes® in Children has developed adapted training for healthcare professionals in low-resource settings. The training manual supports education and training on important type 1 diabetes topics, such as diagnosis of type 1 diabetes and the organisation of type1 diabetes care. A comprehensive set of training materials has been developed in English, French, Hindi and Spanish and is available for download from novonordisk.com/cdic
- 3. Supporting the establishment of national clinics. In collaboration with national health authorities, Changing Diabetes® in Children establishes or refurbishes clinics as an integrated part of national healthcare systems, ensuring coverage in rural and remote areas.
- 4.Medical supplies and cold chains. Novo Nordisk human insulin is donated along with blood glucose monitoring equipment and medical supplies, while national supply chains have been strengthened through the establishment of cold chains.

URL: https://www.novonordisk.com/cdic

Program Strategies & Activities



Strategies and activities

Strategy 1: Community Awareness and Linkage to Care

| ACTIVITY | DESCRIPTION |
|---------------|--|
| Communication | Comprehensive set of patient education materials developed to increase understanding of type 1 diabetes and diabetes camps for youth living with type 1 diabetes. In addition, a training manual for healthcare providers is developed, so healthcare providers can accurately diagnose and treat type 1 diabetes. |
| | Localised and adapted social media campaigns to raise awareness about type 1 diabetes and local awareness campaigns through diabetes associations. |
| | Adapted patient education material is developed and translated to increase the understanding and self-management for children living with type 1 diabetes. |
| Planning | Staff planning awareness campaigns and diabetes camps for youth living with type 1 diabetes. |
| Technology | A comprehensive training manual for healthcare providers working in low-resource settings is developed, to increase knowledge about type 1 diabetes. |
| Mobilization | Changing Diabetes® in Children strengthens local diabetes associations, youth diabetes associations and parent associations. |
| Funding | Changing Diabetes® in Children funds local advocacy through national diabetes associations and implementing partners. |

Strategy 2: Health Service Strengthening

| DESCRIPTION |
|---|
| Changing Diabetes® in Children staff and implementing partners plan the care for children and youth living with type 1 diabetes. |
| Changing Diabetes® in Children has developed adapted training for healthcare professionals in low-resource settings. The training manual is based on the outcome of local workshops with diabetes experts, in collaboration with the International Society for Pediatric and Adolescent Diabetes. |
| A comprehensive training manual for healthcare providers working in low-resource settings is developed, to increase knowledge about type 1 diabetes. |
| Establishing and refurbishing of CDiC clinics embedded in national health systems, along with the improvement of existing infrastructure (HbA1c machines and reagents, measuring scale and weight scale, PC, inventory, etc.). |
| Patient registry system to facilitate systematic data collection and patient follow-up. |
| Case record files are provided as well to ensure proper clinical follow-up. |
| Funding provided for the establishment and refurbishing of type 1 diabetes clinics. |
| |

Program Strategies & Activities



Strategies and activities cont.

Strategy 3: Health Service Delivery

| ACTIVITY | DESCRIPTION |
|-----------|---|
| Diagnosis | Training of healthcare providers to ensure adequate and timely diagnosis. |
| Treatment | When children and adolescents are diagnosed with type 1 diabetes, they are provided with insulin, glucometers and strips, medical supplies, HbA1c tests and adapted diabetes education. |

Strategy 4: Supply Chain

| ACTIVITY | DESCRIPTION |
|----------------|---|
| Planning | Planning sessions to adequately forecast need for medical supplies. |
| Training | Training of personnel to ensure cold chain. |
| Infrastructure | Since its inception, Changing Diabetes® in Children has strengthened national systems for the storage and transport of insulin and other essential equipment. This has included setting up ordering procedures to ensure that individual clinics can forecast their needs and establish cold chains that work within the individual country settings. |

Strategy 5: Regulation & Legislation

| ACTIVITY | DESCRIPTION |
|----------|--|
| Advocacy | The programme brings together key opinion leaders to shape the discussion on the importance of recognizing type 1 diabetes in children as a health concern in low and middle income countries. Together with partners, we advocate for the provision of free insulin and glucose meters for children with type 1 diabetes through the government or the insurance scheme of the National Health Insurance Fund (NHIF). |

Strategy 6: Medicine Donation

| ACTIVITY | DESCRIPTION |
|----------|--|
| Advocacy | The programme brings together key opinion leaders to shape the discussion on the importance of recognizing type 1 diabetes in children as a health concern in low and middle income countries. Together with partners, we advocate for the provision of free insulin and glucose meters for children with type 1 diabetes through the government or the insurance scheme of the National Health Insurance Fund (NHIF). |

Program Strategies & Activities



Strategies and activities cont.

Strategy 6: Medicine Donation

| ACTIVITY | DESCRIPTION |
|---------------|---|
| Donation | Through the programme Novo Nordisk donates human insulin to the implementing partners. |
| Delivery | Novo Nordisk covers costs related to clearance, distribution, cold chain, taxes as applicable for each country. |
| Communication | Through strengthened local diabetes associations, the programme aims to increase the awareness about Changing Diabetes® in Children clinics and the possibilities for comprehensive care. |

Strategy by country

STRATEGY COUNTRY

| Community Awareness and Linkage to Care | Cameroon, Guinea, Democratic Republic of the Congo, Kenya, Uganda, Tanzania, Ethiopia, India, Bangladesh, Cote d'Ivoire, Senegal, Sudan, Cambodia, Myanmar |
|---|--|
| Health Service Strengthening | Cameroon, Guinea, Democratic Republic of the Congo, Kenya, Uganda, Tanzania, Ethiopia, India, Bangladesh, Cote d'Ivoire, Senegal, Sudan, Cambodia, Myanmar |
| Supply Chain | Cameroon, Guinea, Democratic Republic of the Congo, Kenya, Uganda, Tanzania, Ethiopia, India, Bangladesh, Cote d'Ivoire, Senegal, Sudan, Cambodia, Myanmar |
| Regulation & Legislation | Cameroon, Guinea, Democratic Republic of the Congo, Kenya, Uganda, Tanzania, Ethiopia, India, Bangladesh, Cote d'Ivoire, Senegal, Sudan, Cambodia, Myanmar |
| Medicine Donation | Cameroon, Guinea, Democratic Republic of the Congo, Kenya, Uganda, Tanzania, Ethiopia, India, Bangladesh, Cote d'Ivoire, Senegal, Sudan, Cambodia, Myanmar |

Company roles

| COMPANY | ROLE |
|--------------|---|
| Novo Nordisk | Contribution with in-kind donations of insulin; funding of all components of the project including local project management, development of training materials, advocacy and awareness raising events locally and globally. |
| Roche | Contribution with in-kind donations of strips and glucometers. |

12 Funding and implementing partners

| PARTNER | ROLE/URL | SECTOR |
|--|---|-----------|
| Diabetic Association of Bangladesh | Local partner in the implementation process. https://www.dab-bd.org/# | Voluntary |
| Univeristy of Conakry, Donka Teaching Hospital | Local partner in the implementation process | Public |
| Kenya Diabetes Management and Information Center | Local partner in the implementation process https://dmi.or.ke/ | Voluntary |
| Kenya Ministry of Health | Local partner in the implementation process http://www.health.go.ke/ | Public |
| Uganda Ministry of Health | Local partner in the implementation process https://health.go.ug/ | Public |
| St. Francis Hospital - Nsambya | Local partner in the implementation process http://www.nsambyahospital.or.ug/about-us/ | Voluntary |
| Tanzanian Diabetes Association | Local partner in the implementation process http://www.tdatz.or.tz/ | Voluntary |
| Tanzania Ministry of Health | Local partner in the implementation process http://www.moh.go.tz/en/ | Public |
| Cambodia Ministry of Health | Local partner in the implementation process http://moh.gov.kh/?lang=en | Public |
| Memisa, DRC | Local partner in the implementation process | Voluntary |
| Democratic Republic of Congo Ministry of Health | Local partner in implementing process https://www.minisanterdc.cd/ | Public |
| BDOM - Bureau Diocésain des Oeuvres Médicales | Local partner in the implementing process http://bdombkv.org/crbst_4.html | Voluntary |

12 Funding and implementing partners cont.

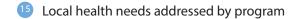
| PARTNER | ROLE/URL | SECTOR |
|---|---|-----------|
| Diabetes Care Organization | Local partner in the implementation process | Voluntary |
| Cameroon Ministere de la Sante Pub- | Local partner in the implementation process | Public |
| Novo Nordisk Education Foundation | Local partner in the implementation process http://nnef.in/ | Voluntary |
| HoPiT - Health of Population in Transition Cameroon | Local partner in the implementation process | Voluntary |
| World Diabetes Foundation (WDF) | WDF has provided support to the capacity building of healthcare providers and establishment of clinics. https://www.worlddiabetesfoundation.org/ | Voluntary |
| Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) | Co-funding the CDiC project in Cambodia through a public private part- nership agreement with Novo Nordisk. https://www.giz.de/en/html/index.html | Public |
| International Society for Pediatric and Adolescent Diabetes (ISPAD) | ISPAD has developed a basic training manual for HCPs on the management of type 1 diabetes in children, as well as patient education materials. In some countries ISPAD has also been part of the initial training faculty to build local type 1 diabetes expertise. https://www.ispad.org/ | Voluntary |
| Ethiopian Diabetes Association | Local partner in the implementation process http://www.diabetesethiopia.org.et/ | Voluntary |
| Ethiopian Ministry of Health | Local partner in the implementation process http://www.moh.gov.et/ | Public |
| Ministere De La Sante Et De L´Hygiene Publique, Ivory Coast | Local partner in the implementation process | Public |
| Le Ministre de la Santé et de l'Action Sociale de la Republique Du Senegal | Local partner in the implementation process http://www.sante.gouv.sn/ | Public |
| Association Senegalaise de Soutien Aux Diabetiques (ASSAD) | Local partner in the implementation process https://assad.sn/association-senegalaise-de-soutien-aux-diabetiques/ | Voluntary |
| Sudan Ministry of Health | Local partner in the implementaion process http://www/fmoh.gov.sd | Public |
| Myanmar Ministry of Health and Sports | Local partner in the implementation process http://www.mohs.gov.mm/ | Public |
| Myanmar Pediatric Society | Local partner in the implementaion process | Voluntary |
| JAD Association of Côte d'Ivoire | Local partner in the implementation process https://jad-ci.org/ | Voluntary |

13 Funding and implementing partners by country

| PARTNER | COUNTRY |
|--|----------------------------------|
| Association Senegalaise de Soutien Aux Diabetiques (ASSAD) | Senegal |
| Le Ministre de la Santé et de l'Action Sociale de la Republique Du Senegal | Senegal |
| Cambodia Ministry of Health | Cambodia |
| Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) | Cambodia |
| Diabetic Association of Bangladesh | Bangladesh |
| Ethiopian Ministry of Health | Ethiopia |
| Ethiopian Diabetes Association | Ethiopia |
| Kenya Diabetes Management and Information Center | Kenya |
| Kenya Ministry of Health | Kenya |
| Ministere De La Sante Et De L´Hygiene Publique, Ivory Coast | Côte d'Ivoire |
| Myanmar Ministry of Health and Sports | Myanmar |
| Myanmar Peadiatric Society | Myanmar |
| St. Francis Hospital - Nsambya | Uganda |
| Uganda Ministry of Health | Uganda |
| Sudan Ministry of Health | Sudan |
| Diabetes Care Organization | Sudan |
| Tanzania Ministry of Health | Tanzania |
| Tanzanian Diabetes Association | Tanzania |
| Univeristy of Conakry, Donka Teaching Hospital | Guinea |
| Novo Nordisk Education Foundation | India |
| Cameroon Ministere de la Sante Publique | Cameroon |
| HoPiT - Health of Population in Transition Cameroon | Cameroon |
| Memisa, DRC | Democratic Republic of the Congo |
| Democratic Republic of Congo Ministry of Health | Democratic Republic of the Congo |
| BDOM - Bureau Diocésain des Oeuvres Médicales | Democratic Republic of the Congo |
| World Diabetes Foundation | [No response provided] |
| International Society for Pediatric and Adolescent Diabetes | [No response provided] |
| JAD Association of Côte d'Ivoire | Côte d'Ivoire |

| STAKEHOLDER | DESCRIPTION OF ENGAGEMENT | REQUESTED OR RECEIVED FROM STAKEHOLDER |
|--|---|---|
| Government | [No response provided] | Infrastructure: Yes Human Resources: Yes Funding: Yes Monitoring or Oversight: Yes Other resource: No |
| STAKEHOLDER | DESCRIPTION OF ENGAGEMENT | REQUESTED OR RECEIVED FROM STAKEHOLDER |
| Non-governmental organization (NGO) | [No response provided] | Infrastructure: No Human Resources: No Funding: Yes Monitoring or Oversight: Yes Other resource: No |
| STAKEHOLDER | DESCRIPTION OF ENGAGEMENT | REQUESTED OR RECEIVED FROM STAKEHOLDER |
| Faith based organization | [No response provided] | Infrastructure: Yes Human Resources: Yes Funding: No Monitoring or Oversight: No Other resource: No |
| STAKEHOLDER | DESCRIPTION OF ENGAGEMENT | REQUESTED OR RECEIVED FROM STAKEHOLDER |
| Other | Academic evaluator: University College London (UCL) | N/A |

Local Context, Equity & Sustainability



1) The incidence of type 1 diabetes among children is increasing in many countries, particularly in children under the age of 15 (1). More than 1.1 million children and adolescents have type 1 diabetes worldwide. Many of them live in low- and middle-income countries with limited or no access to diabetes care². In some countries in sub-Saharan Africa, it has been reported that life expectancy for a child with newly diagnosed type 1 diabetes can be as short as one year³.

Unlike type 2 diabetes, type 1 diabetes is not related to lifestyle or being overweight, and there is no known way to prevent it. Children living with type 1 diabetes require daily doses of insulin to manage their blood glucose levels.

In many low-resource countries, children lack access to insulin, blood glucose monitoring and appropriately trained health professionals. This can lead to poor blood glucose control and subsequent severe health complications and early death⁴.

2) The CDiC partnership works together with local implementing partners, to ensure that the programme is suitable for the local context. For example, the education material for healthcare providers and children is created for lower resource settings and can be translated when needed. Furthermore, the clinics are adjusted with equipment to ensure that all clinics can provide a standard of care.

3) Type 1 diabetes is in general not recognized as health problem at the beginning of the project implementation, which has gradually changed with the established diagnosis and treatment in the project countries. In several countries, through the advocacy work of key opinion leaders and the CDiC programme the government has made a commitment to take over the insulin supply.

How needs were assessed

Needs were assessed stake-holder dialogues and consultations in informal manners via Teams meetings. The keyopinion leaders per country were invited to participate.

Formal needs assessment conducted

No.

Social inequity addressed

This programme aims to address social inequity, by bringing healthcare closer to the patients who are in need. The programme aims to have a rural reach in every country, so that the rural population does not fall behind the urban population.

Local Context, Equity & Sustainability

Local policies, practices, and laws considered during program design

POLICY, PRACTICE, LAW APPLICABLE TO PROGRAM **DESCRIPTION OF HOW IT WAS TAKEN INTO CONSIDERATION**

| National Regulations | Yes | Collaboration with Ministry of Health within existing regulations, formalized in memorandum of understanding. |
|--|-----|--|
| Procurement Procedures | Yes | Within existing public procurement system. |
| Standard Treatment Guidelines | Yes | Where available, however most project countries have no standard treatment guidelines available for type 1 diabetes at start of project. |
| Quality and Safety Requirements | Yes | In accordance with local and Novo Nordisk requirements. |
| Remuneration scales and hiring practices | Yes | No hiring or remuneration of health care professionals through Novo Nordisk. |

How diversion of resources from other public health priorities are avoided

Integration into national healthcare systems, for example by memorandums of understanding with the Ministry of Health in the respective country. In addition, whenever it is possible the type 1 diabetes care will take place in already existing infrastructure to ensure embedding into national healthcare systems. Furthermore, the training that healthcare providers receive is an add-on to already existing knowledge. This serves the purpose to create awareness around type 1 diabetes so diagnosis can be made timely, for example when a child is presented at the emergency room.

Program provides health technologies (medical devices, medicines, and vaccines)

TYPE COMMERCIAL NAME INTERNATIONAL NON-PROPRIETARY NAME AND/OR INN Human insulin (Actrapid, Insulatard, Mixtard) Medicine Device Glucometer (Accu-Chek, Accu-Check strips, Accu-

Health technology(ies) are part of local standard treatment guidelines

Check soft-clix and lancets)

Health technologies are covered by local health insurance schemes

Yes.

Yes. Dependent on the country, insulin may be covered by local health insurances.

Local Context, Equity & Sustainability

Program provides medicines listed on the National Essential Medicines List

Yes, Human Insulin.

Sustainability plan

From the start, the Changing Diabetes® in Children (CDiC) partnership has included local stakeholders, such as the national ministries of health, national diabetes associations, civil society organisations, and faith based groups, with the goal of ensuring local ownership and avoid creating any parallel structures that might not be sustainable on the long term.

The programme ensured that the training of HCPs is based on local needs and resources, using local and future diabetes experts in becoming trainers as well to ensure the knowledge will also be passed on. In some countries, type 1 diabetes experts from one CDiC country have been used to facilitate training in another CDiC country to ensure knowledge-transfer and learnings between different programme countries.

All CDiC programme countries should develop handover plans showing their ability to transition, including patient support. Because countries have joined the CDiC at different periods in time, we expect that countries that have been enrolled in the programme the longest have more capacity to operate on their own. As a result, the end of the programme with be gradual over time and will differ from country to country.

In this context, Novo Nordisk will continue to work with local stakeholders to ensure that they are able to operate on their own. In parallel, we will ensure a continues supply of insulin to the children enrolled in the programme.

Additional Program Information



In many of the countries CDiC is present, there is no standard care for children with type 1 diabetes. There even may be a lack of stable insulin supply or high mark-ups in pharmacies.

Changing Diabetes in Children offers comprehensive, quality diabetes care. This holistic approach underlines that treating type 1 diabetes in not only a matter of access to insulin. Furthermore, the partnership works in strong collaboration with national ministries of health to strengthen local capacity. By training healthcare professionals to adequately diagnose type 1 diabetes and by our advanced training, we strengthen local efforts further. The clinics that are refurbished or established are also integrated into national healthcare systems to ensure a rural reach.

Potential conflict of interest discussed with government entity

Yes. Clearly communicated that CDiC is a humanitarian initiative, which is not linked to the business.

Access Accelerated Initiative participant

No.

International Federation of Pharmaceutical Manufacturers & Associations (IFPMA) membership

Yes.

Resources

1 International Diabetes Federation. IDF Diabetes Atlas, 6th edition, Brussels, Belgium, 2013. 20 October 2014. Available from: http://www.idf.org/sites/default/files/EN_6E_Atlas_Full_0.pdf

2 International Diabetes Federation. IDF Diabetes Atlas, 8 ed. Brussels, Belgium: International Diabetes Federation; 2017.

3 Beran D, Yudkin JS. Diabetes care in sub-Saharan Africa. The Lancet. 2006; 368(9548):1689-1695.

4 World Health Organization. Global report on diabetes. World Health Organization; 2016.

Program Indicators

PROGRAM NAME

Changing Diabetes in Children

27 List of indicator data to be reported into Access Observatory database

| IND | ICATOR | TYPE | STRATEGY | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|-----|---|--------|---|------------------|------------------|------------------|------------------|------------------|------------------|
| 1 | Number of children enrolled | Output | Health Service Strengthening | 713 people | 1,328 people | 4,748 people | 9,710 people | 11,511 people | 12,071 people |
| 2 | Number of children that received diabetes education | Output | Community Awareness and Linkage to Care | | | | | | |
| 3 | Number of children that attended diabetes camps | Output | Community Awareness and | | | | | | |
| 4 | Number of healthcare professionals trained | Output | Health Service Strengthening | | 119 people | 980 people | 1,462 people | 1,811 people | 1,375 people |
| 5 | Number of clinics estab- lished or strengthened | Output | Health Service Strengthening | 10 buildings | 3 buildings | 41 buildings | 21 buildings | 18 buildings | 20 buildings |
| 6 | Number of donated insulin vials | Output | Medicines Donation | | | | | | |
| IND | ICATOR | ТҮРЕ | STRATEGY | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| 1 | Number of children enrolled | Output | Health Service Strengthening | 13,494 people | 13,970 people | 16,078 people | 19,368 people | 21,802 people | 23,152 people |
| 2 | Number of children that received diabetes education | Output | Community Awareness and Linkage to Care | 26,497 people | 32,008 people | 36,302 people | 29,196 people | 24,870 people | 9.641 people |
| 3 | Number of children that attended diabetes camps | Output | Community Awareness and Linkage to Care | 4,766 people | 4,093 people | 594 peeople | 583 people | 1,687 people | 875 people |
| 4 | Number of healthcare professionals trained | Output | Health Service Strengthening | 799 people | 2,070 people | 1,898 people | 1,134 people | 1,574 people | 469 people |
| 5 | Number of clinics estab- lished or strengthened | Output | Health Service Strengthening | 0 buildings | 1 building | 24 buildings | 39 buildings | 31 buildings | 1 building |
| | | | | | | | | | |

INDICATOR Number of children enrolled

| ITEM | DESCRIPTION |
|------------------------|--|
| Definition | The number of children who are actively enrolled in the CDiC program at the time of reporting. Enrolled children receive Type 1 diabetes care, HbA1c tests four times a year, human insulin, medical consultation, patient education and can attend diabetes camps. |
| Method of measurement | Counting the number of children enrolled according to registries at the clinics |
| Data source | Routine program data |
| Frequency of reporting | Once per year |
| | Definition Method of measurement Data source |

| | RESPONSIBLE PARTY | DESCRIPTION | FREQUENCY |
|-------------------|---|--|-------------|
| 30 Data collectio | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ); Diabetic Association of Bangladesh; Univeristy of Conakry, Donka Teaching Hospital; Kenya Diabetes Management and Information Center; St. Francis Hospital - Nsambya; Tanzanian Diabetes Association; Ethiopian Diabetes Association; Association Senegalaise de Soutien Aux Diabetiques (ASSAD); Myanmar Peadiatric Society; JAD (I Help The Diabetic); HoPiT - Health of Population in Transition Cameroon; Memisa, DRC; Diabetes Care Organization; Novo Nordisk Education Foundation | The health care staff at the associated diabetes clinics registers the number of enrolled children in the CDiC program. | Ongoing |
| Data processii | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ); Diabetic Association of Bangladesh; Univeristy of Conakry, Donka Teaching Hospital; Kenya Diabetes Management and Information Center; St. Francis Hospital - Nsambya; Tanzanian Diabetes Association; Ethiopian Diabetes Association; Association Senegalaise de Soutien Aux Diabetiques (ASSAD); Myanmar Peadiatric Society; JAD (I Help The Diabetic); HoPiT - Health of Population in Transition Cameroon; Memisa, DRC; Diabetes Care Organization; Novo Nordisk Education Foundation | The local medical staff collects the data and reports on a monthly basis from the clinics and forwards them to the local project manager in a country. The local project manager report on a half- yearly basis in a written progress report to a Novo Nordisk country coordinator who then shares the data with the global program lead in Novo Nordisk's headquarters. | Every month |

INDICATOR Number of children enrolled

| | RESPONSIBLE PARTY | DESCRIPTION | FREQUENCY |
|--------------------|-------------------|--|-----------|
| 32 Data validation | | The global program lead at Novo Nordisk's headquarters accumulates, reviews and validates the data reported by each of the country coordinators. The global program lead analyses the data for unexpected patterns in the data with the country coordinators. On a regular basis visits are conducted by the country coordinator to the facilities which include reviewing the data collection mechanisms with the partners. | |

33 Challenges in data collection and steps to address challenges

In low-resource settings where Changing Diabetes in Children is present, healthcare providers have limited or no access to automated patient registry systems, and in the majority of places most patient files are still kept in paper-format. It is therefore sometimes a challenge to collect and aggregate data. We support structured data collection across clinics, with local project manager and validation at HQ level. Furthermore, Changing Diabetes in Children aims to support better national systems in order to ease the burden of the healthcare providers and provide optimal care for patients.

| INDICATOR | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|-------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 Number of children enrolled | 713 | 1,328 | 4,748 | 9,710 | 11,511 | 12,071 | 13,494 | 13,976 | 16,078 |
| | people |

| INDICATOR | 2018 | 2019 | 2020 |
|-------------------------------|--------|--------|--------|
| 1 Number of children enrolled | 19,368 | 21,802 | 23,152 |
| | people | people | people |

Comments:

In 2009, CDiC was implemented in 4 countries. In 2010, CDiC was implemented in 7 countries. In 2011, CDiC was implemented in 9 countries. In 2012, CDiC was implemented in 9 countries. In 2013, CDiC was implemented in 9 countries. In 2014, CDiC was implemented in 9 countries. In 2015, CDiC was implemented in 9 countries. In 2016, CDiC was implemented in 9 countries. In 2017, CDiC was implemented in 13 countries. In 2018, CDiC was implemented in 14 countries.

2020: Total actively enrolled in 2020.

INDICATOR Number of children that received diabetes education

| | ITEM | | DESCRIPTION | | | | | |
|----|-----------------------|--|--|---|--------------------|--|--|--|
| | Definition | | The number of children who have received diabete | eceived diabetes patient education at clinics | | | | |
| | Method of measurement | | Counting the number of children who received dial | betes education according to registr | ies at the clinics | | | |
| 28 | Data source | | Routine program data | | | | | |
| 29 | Frequency of repor | rting | Once per year | | | | | |
| | | RESPO | ONSIBLE PARTY | DESCRIPTION | FREQUENCY | | | |
| 30 | Data collection | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ); Diabetic Association of Bangladesh; Univeristy of Conakry, Donka Teaching Hospital; Kenya Diabetes Management and Information Center; St. Francis Hospital - Nsambya; Tanzanian Diabetes Association; Ethiopian Diabetes Association; Association Senegalaise de Soutien Aux Diabetiques (ASSAD); Myanmar Peadiatric Society; JAD (I Help The Diabetic); HoPiT - Health of Population in Transition Cameroon; Memisa, DRC; Diabetes Care Organization; Novo Nordisk Education | | The diabetes educators working in the diabetes clinics register the number of children receiving patient education. | Ongoing | | | |
| 31 | Data processing | Zusan Bangla Hospi Cente Diabe Assoc (ASSA | che Gesellschaft für Internationale nmenarbeit (GIZ); Diabetic Association of adesh; Univeristy of Conakry, Donka Teaching tal; Kenya Diabetes Management and Information r; St. Francis Hospital - Nsambya; Tanzanian tes Association; Ethiopian Diabetes Association; iation Senegalaise de Soutien Aux Diabetiques D); Myanmar Peadiatric Society; JAD (I Help The tic); HoPiT - Health of Population in Transition | The local medical staff collects the data and reports on a monthly basis from the clinics and forwards them to the local project manager in a country. The local project manager report on a half-yearly basis in a written progress report to a Novo Nordisk country | Every month | | | |

Cameroon; Memisa, DRC; Diabetes Care Organization;

Novo Nordisk Education

coordinator who then shares

the data with the global program lead in Novo Nordisk's

headquarters.

| Data validation The global program lead at Novo Nordisk's headquarters accumulates, reviews and validates the data reported by each of the country coordinators. The global program lead analyses the data for unexpected patterns in the data with the country coordinator. On a regular basis visits are conducted by the country coordinator to the facilities which include reviewing the data collection mechanisms with the partners. | | RESPONSIBLE PARTY | DESCRIPTION | FREQUENCY |
|--|--------------------|-------------------|--|-----------|
| | 32 Data validation | | Nordisk's headquarters accumulates, reviews and validates the data reported by each of the country coordinators. The global program lead analyses the data for unexpected patterns in the data with the country coordinator. On a regular basis visits are conducted by the country coordinator to the facilities which include reviewing the data collection mechanisms | |

33 Challenges in data collection and steps to address challenges

In low-resource settings where Changing Diabetes in Children is present, healthcare providers have limited or no access to automated patient registry systems, and in the majority of places most patient files are still kept in paper-format. It is therefore sometimes a challenge to collect and aggregate data. We support structured data collection across clinics, with local project manager and validation at HQ level. Furthermore, Changing Diabetes in Children aims to support better national systems in order to ease the burden of the healthcare providers and provide optimal care for patients.

| INDICATOR | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|--------|--------|--------|--------|--------|--------|
| 2 Number of children that received diabetes education | 26,497 | 32,008 | 36,302 | 29,196 | 24,870 | 9,641 |
| | people | people | people | people | people | people |

Comments: N/A

| | ITEM | DESCRIPTION |
|----|------------------------|--|
| | Definition | The number of children who have attended a diabetes camp |
| | Method of measurement | Counting the number of children attending a diabetes camps according to the registries |
| 28 | Data source | Routine program data |
| 29 | Frequency of reporting | Once per year |

| | | RESPONSIBLE PARTY | DESCRIPTION | FREQUENCY |
|----|-----------------|--|---|-------------|
| 30 | Data collection | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ); Diabetic Association of Bangladesh; Univeristy of Conakry, Donka Teaching Hospital; Kenya Diabetes Management and Information Center; St. Francis Hospital - Nsambya; Tanzanian Diabetes Association; Ethiopian Diabetes Association; Association Senegalaise de Soutien Aux Diabetiques (ASSAD); Myanmar Peadiatric Society; JAD (I Help The Diabetic); HoPiT - Health of Population in Transition Cameroon; Memisa, DRC; Diabetes Care Organization; Novo Nordisk Education | The diabetes educators report after each diabetes camp on the number of children attending a camp. | Ongoing |
| 3 | Data processing | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ); Diabetic Association of Bangladesh; Univeristy of Conakry, Donka Teaching Hospital; Kenya Diabetes Management and Information Center; St. Francis Hospital - Nsambya; Tanzanian Diabetes Association; Ethiopian Diabetes Association; Association Senegalaise de Soutien Aux Diabetiques (ASSAD); Myanmar Peadiatric Society; JAD (I Help The Diabetic); HoPiT - Health of Population in Transition Cameroon; Memisa, DRC; Diabetes Care Organization; Novo Nordisk Education | The local medical staff collects the data and reports on a monthly basis from the clinics and forwards them to the local project manager in a country. The local project manager reports on a half- yearly basis in a written progress report to a Novo Nordisk country coordinator who then shares the data with the global program lead in Novo Nordisk's headquarters. | Every month |

| | RESPONSIBLE PARTY | DESCRIPTION | FREQUENCY |
|--------------------|-------------------|--|-----------|
| 32 Data validation | | The global program lead at Novo Nordisk's headquarters accumulates, reviews and validates the data reported by each of the country coordinators. The global program lead analyses the data for unexpected patterns in the data with the country coordinators. On a regular basis visits are conducted by the country coordinator to the facilities which include reviewing the data collection mechanisms with the partners. | |

33 Challenges in data collection and steps to address challenges

In low-resource settings where Changing Diabetes in Children is present, healthcare providers have limited or no access to automated patient registry systems, and in the majority of places most patient files are still kept in paper-format. It is therefore sometimes a challenge to collect and aggregate data. We support structured data collection across clinics, with local project manager and validation at HQ level. Furthermore, Changing Diabetes in Children aims to support better national systems in order to ease the burden of the healthcare providers and provide optimal care for patients.

| INDICATOR | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|--|--------------|--------------|-------------|------------|--------------|------------|
| 3 Number of children attended diabetes camps | 4,766 people | 4,093 people | 594 peeople | 583 people | 1,687 people | 875 people |

Comments:

2020: Heavily impacted due to COVID-19 outbreak.

| | ITEM | DESCRIPTION |
|----|------------------------|--|
| | Definition | The number of healthcare professionals who get trained on type 1 diabetes diagnosis and treatment by selected teaching hospitals. Training is provided to healthcare professionals during a 1-3 days course. |
| | Method of measurement | Counting the number of healthcare professionals who completed the training according to participation registrations. |
| 28 | Data source | Routine program data |
| 29 | Frequency of reporting | Once per year |

| | | RESPONSIBLE PARTY | DESCRIPTION | FREQUENCY |
|----|-----------------|--|--|-------------|
| 30 | Data collection | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ); Diabetic Association of Bangladesh; Univeristy of Conakry, Donka Teaching Hospital; Kenya Diabetes Management and Information Center; St. Francis Hospital - Nsambya; Tanzanian Diabetes Association; Ethiopian Diabetes Association; Association Senegalaise de Soutien Aux Diabetiques (ASSAD); Myanmar Peadiatric Society; JAD (I Help The Diabetic); HoPiT - Health of Population in Transition Cameroon; Memisa, DRC; Diabetes Care Organization; Novo Nordisk Education | After each training session the trainers register the number of attending healthcare professionals by signing an attendance form. | Ongoing |
| 31 | Data processing | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ); Diabetic Association of Bangladesh; Univeristy of Conakry, Donka Teaching Hospital; Kenya Diabetes Management and Information Center; St. Francis Hospital - Nsambya; Tanzanian Diabetes Association; Ethiopian Diabetes Association; Association Senegalaise de Soutien Aux Diabetiques (ASSAD); Myanmar Peadiatric Society; JAD (I Help The Diabetic); HoPiT - Health of Population in Transition Cameroon; Memisa, DRC; Diabetes Care Organization; Novo Nordisk Education | The local project manager is responsible for registering the data on a monthly base and forwards them to the Novo Nordisk country coordinator. The country coordinator reports on a monthly basis to the global program lead at Novo Nordisk's headquarters. having attended the training. | Every month |

Number of healthcare professionals trained

4

STRATEGY HEALTH SERVICE STRENGTHENING

| | RESPONSIBLE PARTY | DESCRIPTION | FREQUENCY |
|--------------------|-------------------|---|-----------|
| 32 Data validation | | The global program lead at Novo Nordisk's headquarters accumulates, reviews and validates the data reported by each of the country coordinators. The global program lead analyses the data for unexpected patterns in the data with the country coordinator. On a regular basis visits are conducted by the country coordinator to the facilities which include reviewing the data collection mechanisms with the partners. | |

33 Challenges in data collection and steps to address challenges

In low-resource settings where Changing Diabetes in Children is present, healthcare providers have limited or no access to automated patient registry systems, and in the majority of places most patient files are still kept in paper-format. It is therefore sometimes a challenge to collect and aggregate data. We support structured data collection across clinics, with local project manager and validation at HQ level. Furthermore, Changing Diabetes in Children aims to support better national systems in order to ease the burden of the healthcare providers and provide optimal care for patients.

| INDICATOR | | 2010 | 2011 | 2012 | 2013 | 2014 |
|--|------------|--------------|---------------|--------------|--------------|--------------|
| 4 Number of healthcare professionals trained | | 119 people | 980 people | 1,462 people | 1,811 people | 1,375 people |
| INDICATOR | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| 4 Number of healthcare professionals trained | 799 people | 2,070 people | 1,898 people | 1,134 people | 1,574 people | 469 people |
| | | | | | | |

Comments:

2020: Comprises both initial and advanced training.

| | ITEM | DESCRIPTION |
|----|--------------------------|--|
| | Definition | The number of type 1 diabetes clinics established. An established clinic has been strengthened in its technical capacities (medical and laboratory equipment) for the diagnosis and treatment of type 1 diabetes |
| | Method of measurement | Counting the number of diabetes clinics, that were strengthened to have the technical capacity to diagnose and treat type 1 diabetes, according to records of the implementing partners |
| 28 | Data source | Routine program data |
| 29 | Frequency of reporting | Once per year |

| | | RESPONSIBLE PARTY | DESCRIPTION | FREQUENCY |
|----|-----------------|--|--|-------------|
| 30 | Data collection | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ); Diabetic Association of Bangladesh; Univeristy of Conakry, Donka Teaching Hospital; Kenya Diabetes Management and Information Center; St. Francis Hospital - Nsambya; Tanzanian Diabetes Association; Ethiopian Diabetes Association; Association Senegalaise de Soutien Aux Diabetiques (ASSAD); Myanmar Peadiatric Society; JAD (I Help The Diabetic); HoPiT - Health of Population in Transition Cameroon; Memisa, DRC; Diabetes Care Organization; Novo Nordisk Education | The project partners report the number of established clinics in a given country. | Ongoing |
| 31 | Data processing | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ); Diabetic Association of Bangladesh; Univeristy of Conakry, Donka Teaching Hospital; Kenya Diabetes Management and Information Center; St. Francis Hospital - Nsambya; Tanzanian Diabetes Association; Ethiopian Diabetes Association; Association Senegalaise de Soutien Aux Diabetiques (ASSAD); Myanmar Peadiatric Society; JAD (I Help The Diabetic); HoPiT - Health of Population in Transition Cameroon; Memisa, DRC; Diabetes Care Organization; Novo Nordisk Education | The local project manager is responsible for registering the data on a monthly base and forwards them to the Novo Nordisk country coordinator. The country coordinator reports on a monthly basis to the global program lead at Novo Nordisk's headquarters. | Every month |

INDICATOR Number of clinics established

STRATEGY HEALTH SERVICE STRENGTHENING

| | RESPONSIBLE PARTY | DESCRIPTION | FREQUENCY |
|--------------------|-------------------|---|-----------|
| 32 Data validation | | The global program lead at Novo Nordisk's headquarters accumulates, reviews and validates the data reported by each of the country coordinators. The global program lead analyses the data for unexpected patterns in the data with the country coordinator. On a regular basis visits are conducted by the country coordinator to the facilities which include reviewing the data collection mechanisms with the partners. | |

33 Challenges in data collection and steps to address challenges

In low-resource settings where Changing Diabetes in Children is present, healthcare providers have limited or no access to automated patient registry systems, and in the majority of places most patient files are still kept in paper-format. It is therefore sometimes a challenge to collect and aggregate data. We support structured data collection across clinics, with local project manager and validation at HQ level. Furthermore, Changing Diabetes in Children aims to support better national systems in order to ease the burden of the healthcare providers and provide optimal care for patients.

| INDICATOR | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---------------------------------|--------------|-------------|--------------|--------------|--------------|--------------|
| 5 Number of clinics established | 10 buildings | 3 buildings | 41 buildings | 21 buildings | 18 buildings | 20 buildings |
| | | | | | | |
| INDICATOR | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| 5 Number of clinics established | 0 buildings | 1 building | 24 buildings | 39 buildings | 31 buildings | 1 building |

Comments:

2020: Heavily impacted due to COVID-19 outbreak.

| | ITEM | DESCRIPTION |
|----|------------------------|---|
| | Definition | The total number of vials donated by Novo Nordisk through the CDiC program. Donations include Insulatard, Actrapid and Mixtard |
| | Method of measurement | Counting the vials donated according to reports from Novo Nordisk's affiliates on the number of vials donated to the CDiC program |
| 28 | Data source | Routine program data |
| 29 | Frequency of reporting | Once per year |

| | | RESPONSIBLE PARTY | DESCRIPTION | FREQUENCY |
|----|-----------------|-------------------|--|---------------|
| 30 | Data collection | Company | The donated insulin is reported by Novo Nordisk's affiliates in the given countries. The donations are reported in number of vials. | Ongoing |
| 31 | Data processing | Company | At the end of the year Novo Nordisk's affiliates report to the global program lead in Novo Nordisk's headquarters on how much insulin has been donated in each of the program countries. | Once per year |
| 32 | Data validation | | We have internal audits. | |

33 Challenges in data collection and steps to address challenges

In low-resource settings where Changing Diabetes in Children is present, healthcare providers have limited or no access to automated patient registry systems, and in the majority of places most patient files are still kept in paper-format. It is therefore sometimes a challenge to collect and aggregate data. We support structured data collection across clinics, with local project manager and validation at HQ level. Furthermore, Changing Diabetes in Children aims to support better national systems in order to ease the burden of the healthcare providers and provide optimal care for patients.

| INDICATOR | 2017 | 2018 | 2019 | 2020 |
|-------------------------------|--------------------------|--------------------------|---------------------------|-----------------------|
| 1 Number of children enrolled | 224,923 insulin vials | 263,916 insulin vials | 264, 623 insulin vials | 306,960 insulin vials |

Comments: N/A

Appendix

This program report is based on the information gathered from the Access Observatory questionnaire below.

Program Description

PROGRAM OVERVIEW

- Program Name
- Diseases program aims to address:

Please identify the disease(s) that your program aims to address (select all that apply).

Beneficiary population

Please identify the beneficiary population of this program (select all that apply).

4 Countries

Please select all countries that this program is being implemented in (select all that apply).

- Program Start Date
- Anticipated Program Completion Date
- Contact person

On the public profile for this program, if you would like to display a contact person for this program, please list the name and email address here (i.e. someone from the public could email with questions about this program profile and data).

8 Program summary

Please provide a brief summary of your program including program objectives (e.g., the intended purposes and expected results of the program; if a pilot program, please note this). Please provide a URL, if available. Please limit replies to 750 words.

PROGRAM STRATEGIES & ACTIVITIES

9 Strategies and activities

Based on the BUSPH Taxonomy of Strategies, which strategy or strategies apply to your program (please select all that apply)?

Strategy by country

If you have registered one program for multiple countries, this question allows you to provide a bit more specificity about each country (e.g. some countries have different strategies, diseases, partners, etc.). Please complete these tables as applicable. For each portion you have you selected from above (program strategies), please identify which country/countries these apply.

COMPANIES, PARTNERS AND STAKEHOLDERS

Company roles

Please identify all pharmaceutical companies, including yours, who are collaborating on this program:

What role does each company play in the implementation of your program?

12 Funding and implementing partners

Please identify all funding and implementing partners who are supporting the implementation of this program (Implementing partners is defined as either an associate government or non-government entity or agency that supplements the works of a larger organization or agency by helping to carry out institutional arrangements in line with the larger organization's goals and objectives.)

- a. What role does each partner play in the implementation of your program? Please give background on the organization and describe the nature of the relationship between the organization and your company. Describe the local team's responsibilities
 - for the program, with reference to the program strategies and activities. (response required for each partner selected).
- b. For each partner, please categorize them as either a

Public Sector, Private Sector, or Voluntary Sector partner. (Public Sector is defined as government; Private Sector is defined as A business unit established, owned, and operated by private individuals for profit, instead of by or for any government or

its agencies. Generation and return of profit to its owners or shareholders is emphasized; Voluntary Sector is defined as Organizations whose purpose is to benefit and enrich society, often without profit as a motive and with little or no government intervention. Unlike the private sector where the generation

and return of profit to its owners is emphasized, money raised

or earned by an organization in the voluntary sector is usually invested back into the community or the organization itself (ex. Charities, foundations, advocacy groups etc.))

c. Please provide the URL to the partner organizations' webpages

13 Funding and implementing partners by country

If you have registered one program for multiple countries, this question allows you to provide a bit more specificity about each country (e.g., some countries have different strategies, diseases, partners, etc.). Please complete these tables as applicable. For each portion you have you selected from above (funding and implementing partners), please identify which country/countries these apply.

Stakeholders

Please describe how you have engaged with any of these local stakeholders in the planning and/or implementation of this program. (Stakeholders defined as individuals or entities who are involved in or affected by the execution or outcome of a project and may have influence and authority to dictate whether a project is a success or not (ex. Ministry of Health, NGO, Faith-based organization, etc.). Select all that apply.

- Government, please explain
- Non-Government Organization (NGO), please explain
- · Faith-based organization, please explain
- · Commercial sector, please explain
- Local hospitals/health facilities, please explain
- · Local universities, please explain
- · Other, please explain

LOCAL CONTEXT, EQUITY & SUSTAINABILITY

Local health needs addressed by program

Please describe how your program is responsive to local health needs and challenges (e.g., how you decided and worked

together with local partners to determine that this program was appropriate for this context)?

- How were needs assessed
- Was a formal need assessment conducted

(Yes/No) If yes, please upload file or provide URL.

Social inequity addressed

Does your program aim to address social inequity in any way (if yes, please explain). (Inequity is defined as lack of fairness or justice. Sometime 'social disparities,' 'structural barriers' and 'oppression and discrimination' are used to describe the same phenomenon. In social sciences and public health social inequities refer to the systematic lack of fairness or justice related to gender, ethnicity, geographical location and religion. These unequal social relations and structures of power operate to produce experiences of inequitable health outcomes, treatment and access to care. Health and social programs are often designed with the aim to address the lack of fairness and adjust for these systematic failures of systems or policies.*)

*Reference: The definition was adapted from Ingram R et al. Social Inequities and Mental Health: A Scoping Review. Vancouver: Study for Gender Inequities and Mental Health, 2013.

Local policies, practices, and laws considered during program design

How have local policies, practices, and laws (e.g., infrastructure development regulations, education requirements, etc.) been taken into consideration when designing the program?

How diversion of resources from other public health priorities are avoided

Please explain how the program avoids diverting resources away from other public health priorities? (e.g. local human resources involved in program implementation diverted from other programs or activities).

Program provides health technologies

Does your program include health technologies (health technologies include medical devices, medicines, and vaccines developed to solve a health problem and improve quality of lives)? (Yes/No)

Health technology(ies) are part of local standard treatment guidelines

Are the health technology(ies) which are part of your program part of local standard treatment guidelines? (Yes/No) If not, what was the local need for these technologies?

Health technologies are covered by local health insurance schemes

Does your program include health technologies that are covered by local health insurance schemes? (Yes/No) If not, what are the local needs for these technologies?

Program provides medicines listed on the National Essential Medicines List

Does your program include medicines that are listed on the National Essential Medicines List? (Yes/No) If not, what was the local need for these technologies?

Sustainability plan

If applicable, please describe how you have planned for sustainability of the implementation of your program (ex. Creating a transition plan from your company to the local government during the development of the program).

ADDITIONAL PROGRAM INFORMATION

24 Additional program information

Is there any additional information that you would like to add about your program that has not been collected in other sections of the form?

Potential conflict of interest discussed with government entity

Have you discussed with governmental entity potential conflicts of interest between the social aims of your program and your business activities? (Yes/No) If yes, please provide more details and the name of the government entity.

Access Accelerated Initiative participant

Is this program part of the Access Accelerated Initiative? (Yes/No)

International Federation of Pharmaceutical Manufacturers & Associations (IFPMA) membership

Is your company a member of the International Federation of Pharmaceutical Manufacturers & Associations (IFPMA)? (Yes/No)

Program Indicators

INDICATOR DESCRIPTION

27 List of indicator data to be reported into Access Observatory database

For this program, activities, please select all inputs and impacts for which you plan to collect and report data into this database.

28 Data source

For this indicator, please select the data source(s) you will rely on.

Frequency of reporting

Indicate the frequency with which data for this indicator can be submitted to the Observatory.

- Data collection
- a. Responsible party: For this indicator, please indicate the party/parties responsible for data collection.
- b. Data collection Description: Please briefly describe the data source and collection procedure in detail.
- c. Data collection Frequency: For this indicator, please indicate the frequency of data collection.
- 31 Data processing
- a. Responsible party: Please indicate all parties that conduct any processing of this data.
- b. Data processing— Description: Please briefly describe all
 processing procedures the data go through. Be explicit
 in describing the procedures, who enacts them, and the
 frequency of processing.
- c. Data processing Frequency: What is the frequency with which this data is processed?
- 32 Data validation

Description: Describe the process (if any) your company uses to validate the quality of the data sent from the local team.

33 Challenges in data collection and steps to address challenges

Please indicate any challenges that you have in collecting data for this indicator and what you are doing to address those challenges.