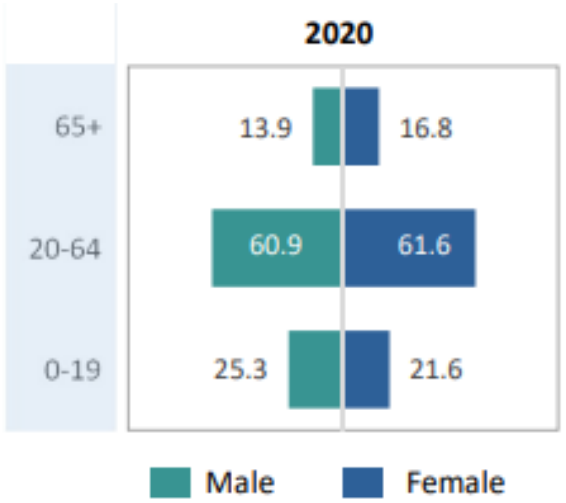




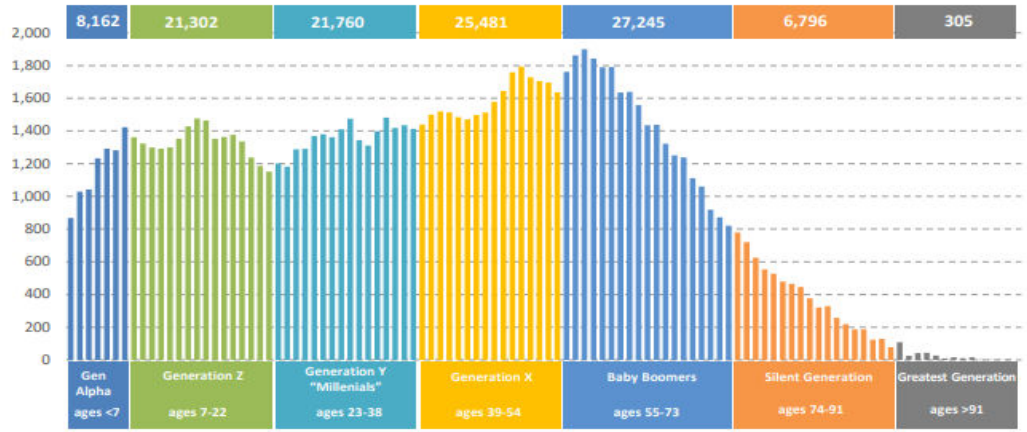
- 29 kilometres north of Venezuela
- Length 32 kilometres , 10 kilometres long
- 1986 Status aparte withing Kingdom of the Netherlands
- **12°31′07″N 70°02′09″W**

# Population

- Population *108,166*
  - *Female 57,141*
  - *Male 51,024*
  - *The dependency ratio for Aruba in 2020 was 49.5*
- Ethnic Groups:
  - Dutch 78.7% (Natives and Vasteland)
  - Colombian 6.6%
  - Venezuelan 5.5%
  - Dominican 2.8%
  - Haitian 1.3%
  - other 5.1%[2]




*Graph 7. Generations defined in 2020*




*Defining generations: Where Millennials end and Generation Z begins (2019) FactTank. Available at https://www.pewresearch.org/fact-tank/2019/01/17/where-millenials-end-and-generation-z-begins/ (Accessed 10 March 2021).*
*What are the names of the different generations? (2020) Available at https://www.reference.com/world-view/names-different-generations-2a01947e453471a6 (Accessed 10 March 2021).*
*US population by age and generation in 2020 (2020) Available at https://www.knoema.com/infographics/egyydzc/us-population-by-age-and-generation (Accessed 11 March 2021).*
*Souce: DBSB, 31 December 2020*

# Economy

- Economy is dominated by tourism (75%)
- 2.000.000 toeristen per jaar

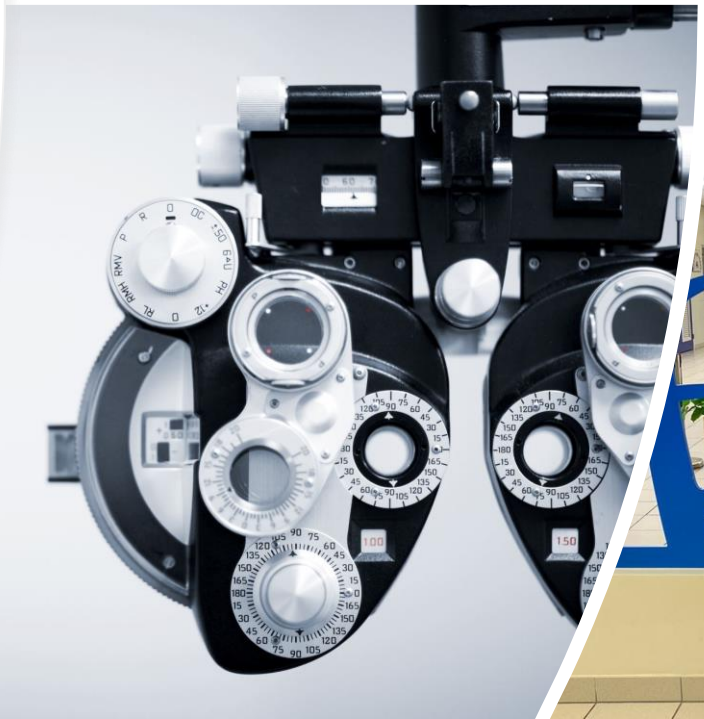
- Opleiding: Universiteitkliniek voor Oogheelkunde Maastricht, Maastricht Universitait Medisch Centrum
- Werkervaring Nederland
- Vrijwilligers werk Seva Foundation
- Sinds Augustus 2020 Werkzaam te Aruba Imsan

# Oogheelkunde Aruba

- Oogheelkundige Zorg
- Zelfsandig gevestigde oogarts (1 collega)
- Imsan Instituto Medico San Nicolas
- Achterwacht Horacio Oduber Hospital
  - Eye Center
  - Oogheelkunde afdeling
    - 5 oogartsen (2 algemene oogartsen, 1 voorsegment specialist, 1 glaucoom specialist, 1 retina specialist)
    - Toa
    - 3 optometristen
    - 1 optometrist&orthoptist
    - 3 verpleegkundige









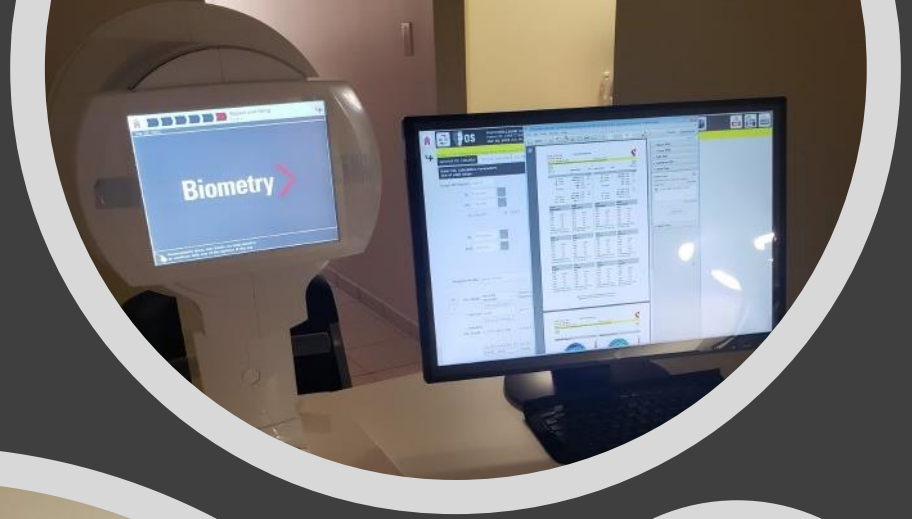


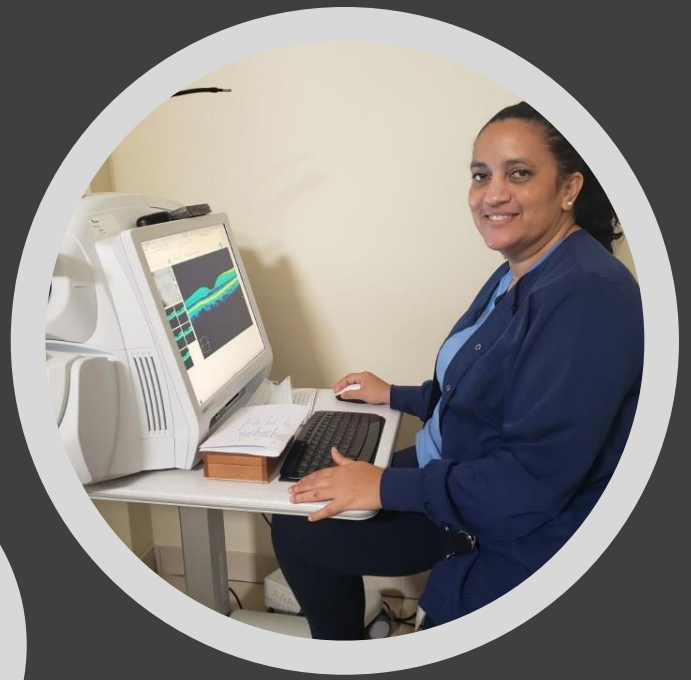
# Team Eye Center

# Eye Center Imsan

- Poliklinieken (Eye Center)
- Diagnostic Center
- Treatment Area (Poliklinisch)
  - Laser  (Yag, SLT, Pascal Laser)
  - Intreavitreale behandelingen
  - FAG kamer

- OK complex: 3 operatie kamers, waarvan 1 oogheelkundig OK open 5 dagen per week










# Diagnostic Center



# Operatie Kamer



Dia 17 dia januari 2020 tabata un dia importante pa cuido medico na Aruba

**E PROME OPERACION DI RETINA HACI DEN IMSAN**

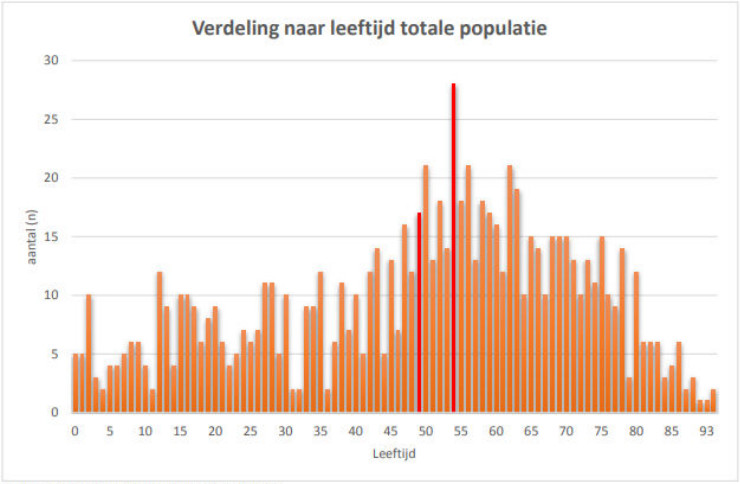




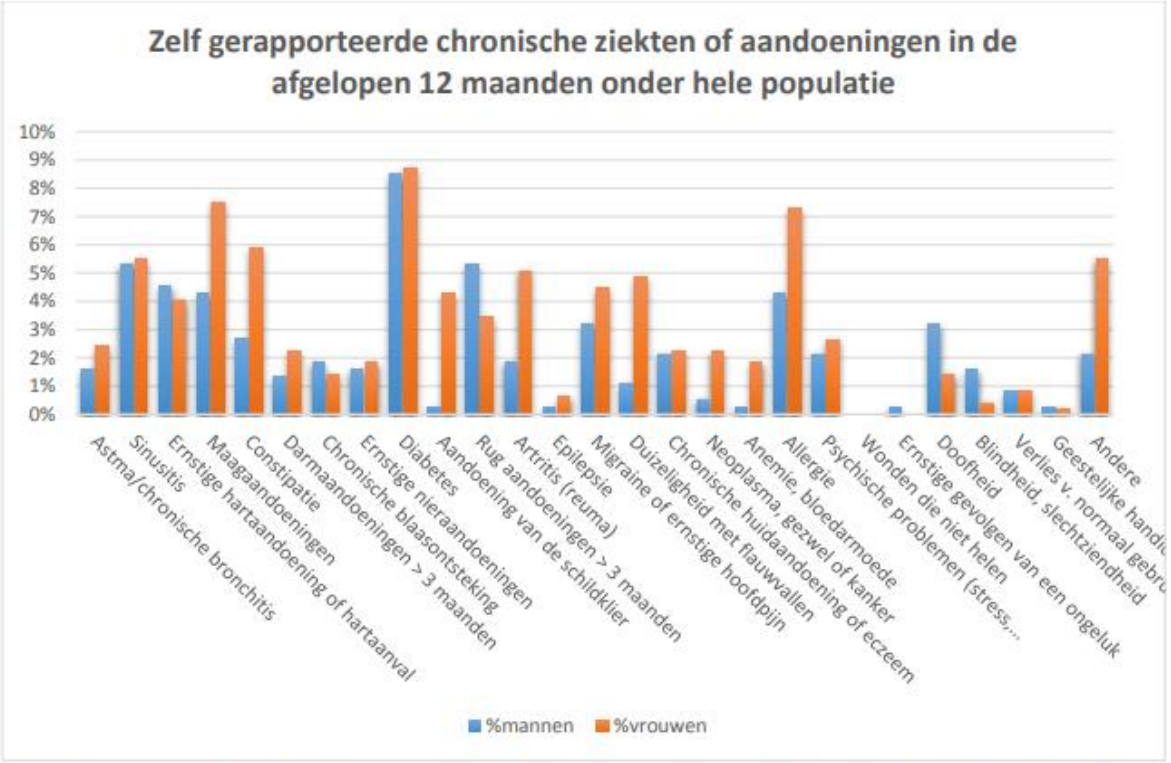



- Poliklinische Zorg (volledig)
- Intravitreale behandeling
  - Avastin, Lucentis, Eylea, sinds 2023 Faricimab geregistreerd
  - Geen:Ozurdex
- Chirugische Behandleingen
  - Cataract Chirurgie
  - Secundaire intraoculaire lens implantaties
  - Pterygia
  - Perforaties
  - Vitreoretinale Chirurgie
  - Glaucoom chirurgie: trabeculectomie, valves
  - Strabisme Chirurgie voor kinderen vanaf 3 jaar

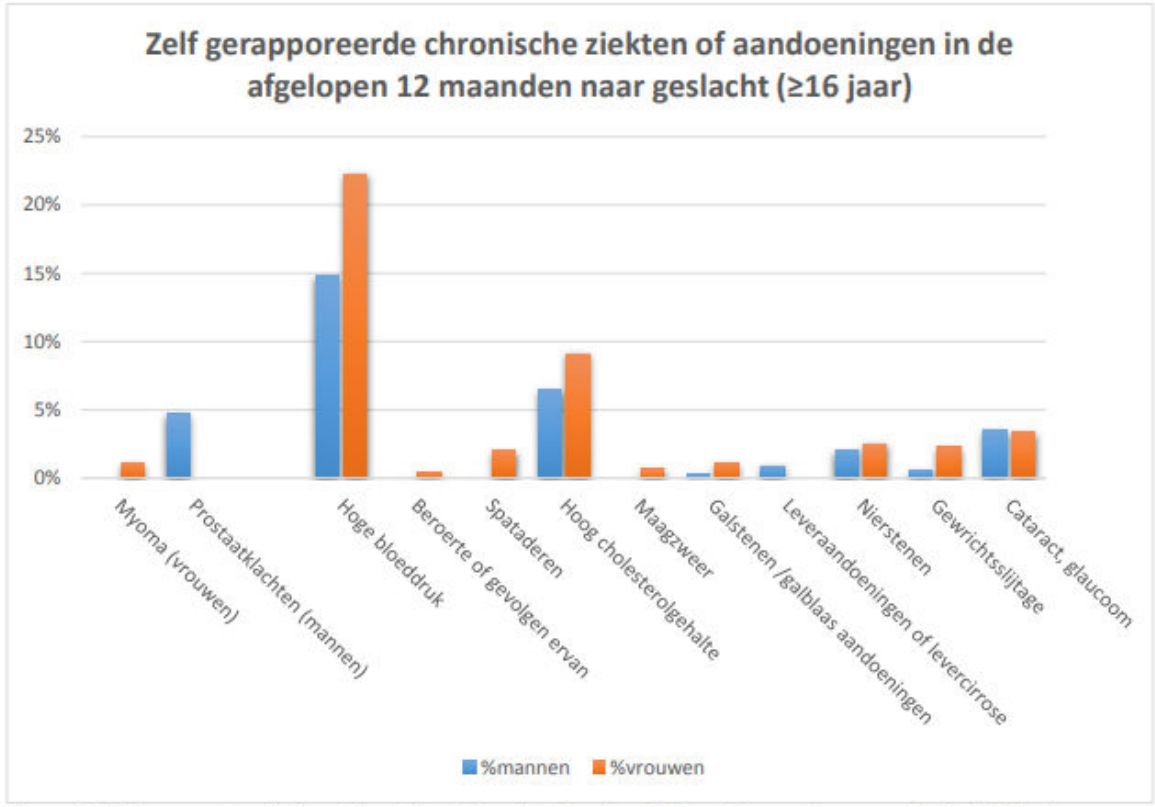
# Gezondheidsstatistieken




*Figuur 2: Leeftijdsverdeling onderzoekspopulatie*



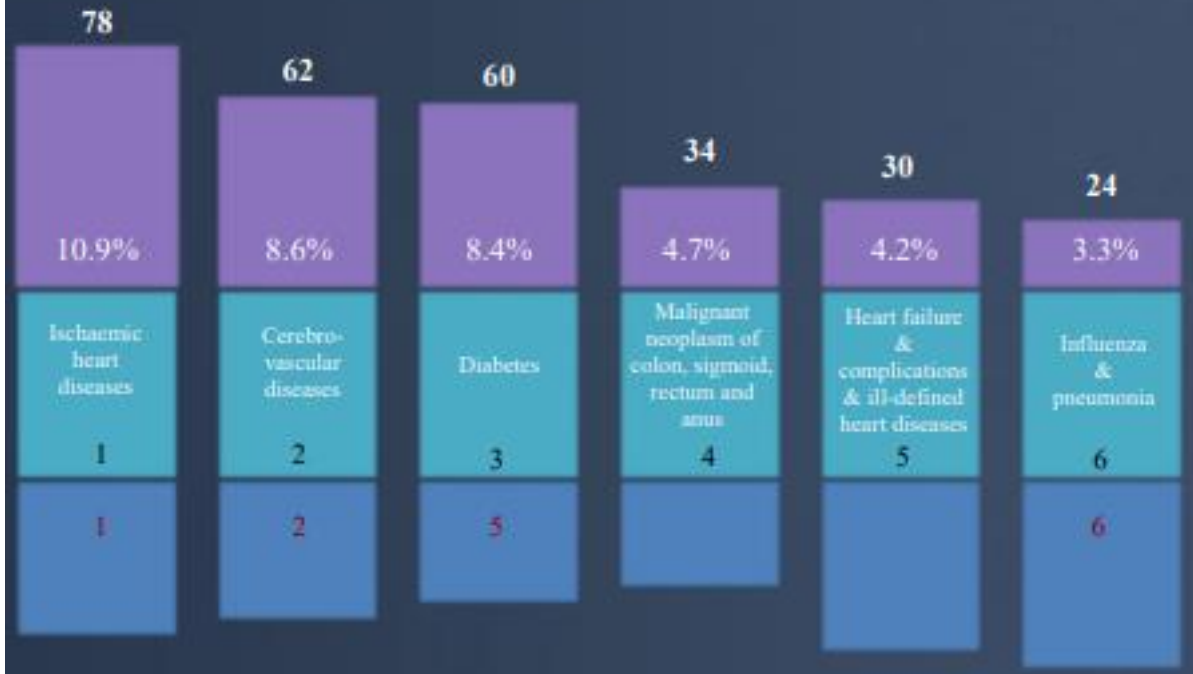

*Figuur 14: Zelf gerapporteerde chronische ziekten/aandoeningen in de afgelopen 12 maanden onder hele onderzoekspopulatie*




*Figuur 15: Zelf gerapporteerde chronische ziekten of aandoeningen in afgelopen 12 maanden naar geslacht (≥16 jaar)*

## *Age standardized mortality rate, 2018*

This chart identifies the top 6 causes of death of the Aruban population compared to the rest of the world




### *Absolute number of deaths 2015-2020*

| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|
| Januari | 51 | 64 | 66 | 70 | 49 | 68 |
| Februari | 55 | 64 | 62 | 63 | 55 | 56 |
| March | 57 | 70 | 50 | 60 | 64 | 66 |
| April | 63 | 71 | 58 | 66 | 50 | |
| May | 62 | 80 | 63 | 62 | 55 | |
| June | 47 | 62 | 61 | 49 | 52 | |
| July | 42 | 63 | 58 | 65 | 56 | |
| August | 55 | 62 | 63 | 55 | 53 | |
| September | 53 | 50 | 63 | 46 | 56 | |
| October | 48 | 64 | 56 | 57 | 63 | |
| November | 68 | 61 | 56 | 68 | 52 | |
| December | 78 | 70 | 51 | 56 | 60 | |
| Total | 679 | 781 | 707 | 717 | 665 | 190 |

Source: Population Registry Office

What do the numbers mean?

- White bold numbers on top: number of deaths registered in Aruba by cause of death
- White numbers in purple bar: causes of death in Aruba in percentages of total
- Light blue bar: top 6 causes of death ranking in Aruba, 2018
- Dark blue bar: top 6 causes of death ranking of the region of the Americas, 2016

Source: WHO (2018), Department of Public Health (2018)

# Oogheelkundige Epidemiologie

- Officiele statistieken ontbreken

# Uitzendingen

- Maligniteiten
- Orbita chirurgie (tumoren, decompressies)
- Cornea transplantaties
- Collageen crosslinking en intrastromale behandelingen
- PTK
- Srabisme (onder 3 jaar, heroperaties)
- Traanwegoperaties bij kinderen
- Academische pediatrische oogzorg
- Vernieuwen protheses (Sinds 2021)

# Uitzendingen

- Bepaald door AZV verzekering
  - Nederland academische ziekenhuizen
  - Colombia: Fundacion Valle de Lili (Cali), Hospital Internacional de Colombia (Bucaramanga), Hospital Universitario San Ignacio (Bogota)
  - Amerika: Bascom Palmer Eye Intitute

# Challenges and Opportunities

- Leverings problemen / logistiek
  - Verbetering andere lenzen implanteren, zelfs andere phaco platform
- Delay soms in uitzendingen
- Burocratie

- There is a lot of potential
  - Statistieken
  - Preventie en distributie oogheelkundige zorg (eerste lijn, 1.5 lijn, 2de lijn)
  - Modernisering

# Veranderingen

- Andere phaco en vitrectomie apparaat (2021)
- Andere kunstlenzen (2021)
- Splitsing Eye Center in Eye Center en Dianostic Center (meer structuur) (2022)
- Protocolen en verbeteringen workflow (ongoing process) (2021-heden)
- Zeis Lumera 700 & IOL master 700 (mei 2023)
- In afwachting op JCI audit (19-23 juni 2023)
- Aru-Big