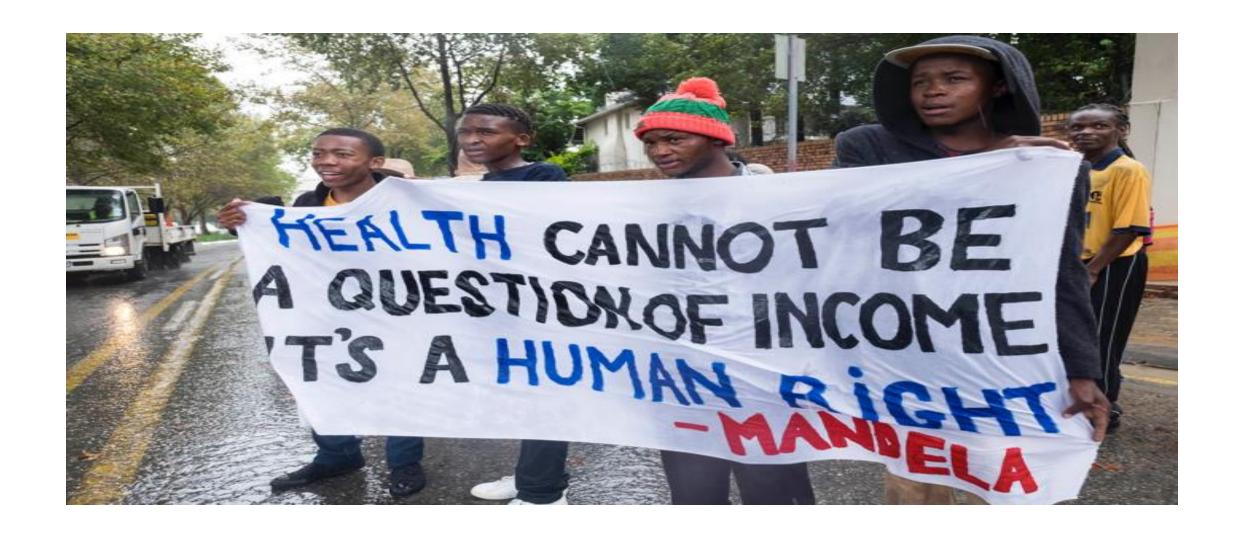
AVAILABILITY + AFFORDABILITY = ACCESS





REPORT 1: PATENT BARRIERS OF CANCER MEDICINES (2017)

- Patent status and length
- Affordability
- Accessibility
 - = Patents block generic availability, inequitable access for those who need most, high pricing



REPORT 2: ACCESS TO CANCER MEDICINES 2021

- Public sector
 - Problem with tender system and supply now for 2 cycles.
 - Out of pocket expenses for patients not calculated
- Private sector
- Over priced specialized medicines available for selected patients leading to out of pocket expenses



Celgene

REVLIMID

Multiple Myeloma	CONDITION(S) TREATED
106	NUMBER OF PATENT APPLICATIONS
96	NUMBER OF PATENTS ISSUED
+79%	PRICE CHANGE SINCE 2012
40	YEARS BLOCKING COMPETITION
2005	ON THE U.S. MARKET SINCE



LENALIDOMIDE: Generic Section 21 approved @ R5000/month (€292)





LENALIDOMIDE: Registered product @ R75 000/month (€4380)





LENALIDOMIDE PRICING = AFFORDABILITY WHO EML 2019, Not on SA EML

- 6 REGISTERED
- 4 MARKETED
- KEY ONCOLOGICS/CELGENE/BMS Revlimid = R46 901 (€2740) for 25mg
- CIPLA Lenalidomide Cipla 25 = R10 017 (€585) for 25mg
- FORRESTER/ACTIVO/NATCO Mylomid = R 10 010 (€584) for 25 mg
- EUROLAB/ALVOGEN <u>Eurolen</u> 25 = R 9 516 (€555) for 25 mg

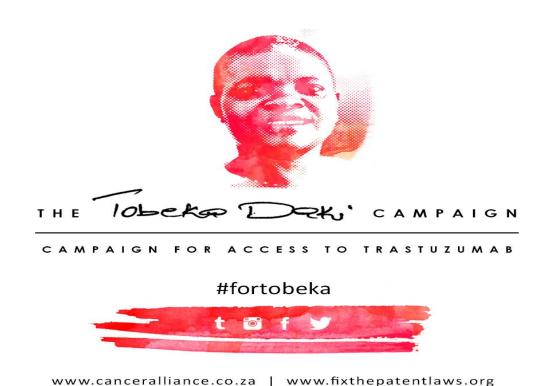


Section 21 medicines reform required

- Pricing of approved medicine pre registration
- Period of availability as Section21
- Pricing of medicine post registration
- Availability of generic/biosimilar medicines
- Legality of approval for small section of users vs public use



Patent blocks equitable access and leads to excessive pricing





TRASTUZUMAB (SA EML 2017)

- WHO EML 2015, SA EML 2017, PMB only 2020
- Patent registered till 2033 in SA
- Originator HERCEPTIN® (IV) = R 23 562 (€1373)
- Clone HERCLON® (IV) = R6531 (€ 375)
- Originator Herceptin ® (SC) = R 19 008 (€ 1090) dropped to R13 040 (€ 748) after biosimilar entry
- Biosimilars available since 2019
- Ogivri ® IV = R 4595 (€375) on public tender in 2020
- Change from 12 months to 6 months in guideline after
 Persephone Study



Keytruda® – pembrolizumab

- WHO EML list in 2019 (melanoma, NSCLC))
- 11th on top expenditure list in SA after moving down from 223 in 2018
- R 92 908 (€5327) per item or R 500 671 per year (€28709)
- Brazil will add to EML 2021



Questions to ASK

- WHO EML 2021 indicated cost of cancer medicines needs special investigation -Representation from LMICs?
- Pricing policies that serves both public and private sector – is that possible?
- Value based care within a NHI model? Who decides?
- Pool procurement models where volume is low regional collaboration?



Questions to ASK (2)

- Cancer within UHC what does that mean?
- Synchronization of health systems Regulator, Patents, Health Department
- Effective usage of legal system to promote access to high cost medicines – Patent Law, Competition Law, Health Act



ReThink – ReDesign – ReEngineer

and

#LeaveNoOneBehind

www.canceralliance.co.za

