



PROGRAM

Pre - Launch Brainstorming meeting: The Afro-hair Industry

29th May 2015

11am

- Concerns from the Health Sector – who protects the public?

Prof N Khumalo – Dermatology, UCT

With in-put from Health Inspectors

- Issues and priorities in the Afro-hair market

Services SETA - Ms Nomfezeko Vendle

- Informal discussion on potential roles of attending stakeholders NSF, CHIETA, SSETA, The dti, Eden District Health Inspectors

- Draft a “Declaration on Advancing the Afro-Hair Industry”

- Lunch...

Afro-Hair Industry Brainstorming Meeting

29 May 2015



Nonhlanhla P Khumalo

FCDerm, PhD

Associate Professor

Head of Dermatology

University of Cape Town, South Africa

Hair loss ...



- Traction Alopecia

Njibhabha - worse with relaxers

19% school girls

32% females > 18yrs



- Central Scarring Alopecia

(CCCA) – contribution of relaxers

6.7% women >50yrs



- Folliculitis Keloidalis

10.5% adult males

Trauma from *chiskops*



Whilst administering questions investigating haircut symptoms:
“itch, transient pimples, scale etc” adult participants often mentioned:

“ I sometimes bleed...”



Questions on haircut-associated bleeding included as an
additional variable for the last study 157 males

“...history of bleeding in 32% of 157 participants.”
2nd study of 390 HIV +ve participants h/o bleeding 25%



NB: >bleed with chiskop haircuts if they have folliculitis

Further, invisible bleeding was confirmed with a genetic test
for blood specific markers HHB and Albumin



Latest: blood and Hepatitis B virus on barber clippers – for publication later this year.

Study to quantify risk of HIV transmission underway

BUT advising public to buy own clippers for *chiskops*,

Engaging with environment health inspectors and barbers about hygiene practices and need for sterilization of clippers

Because: methylated spirits kill bacteria and fungus but not viruses

Current World Status...

- The science behind product claims validation is becoming well established and product developers well trained
- Approved hair testing facilities
The Textile Research Institute (TRI Princeton); this institute was originally a USA government initiative to stimulate industries
- Consumer protection against false claims improving
- Increasing requirement and legislation for cosmetic claims validation

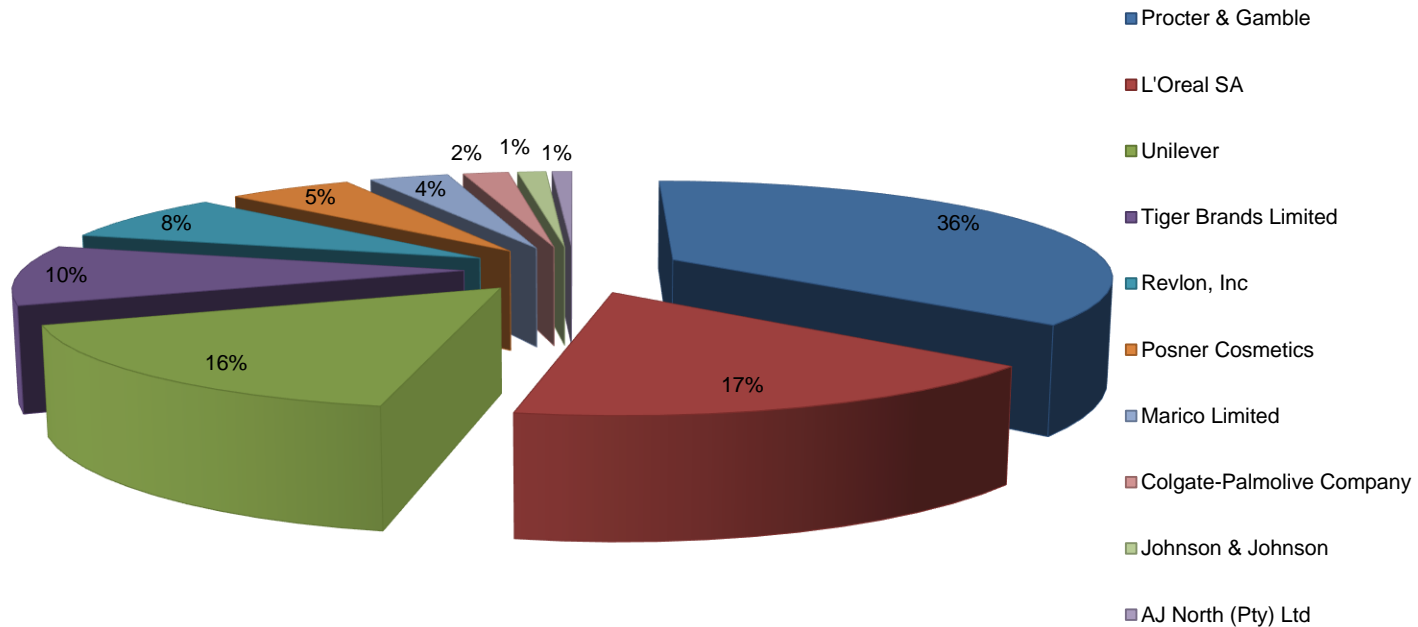
Current African Hair and Skin Product Status...

- In spite of all the science behind product development
- We are still stuck with hair relaxers – 100 years after first patent (side effects often blamed on users or hairdressers, in spite of known irritant/corrosive nature associated with high product pH)
- Skin products with known illegal ingredients flood the market unabated, often from countries including the EU
- No dedicated facility in SA for cosmetic ingredients safety or efficacy testing

South Africa Hair Market

source datamonitor 2011

Market Share (%)



Current SA Status - problems and opportunities

- Lack of innovation, relaxers discovered >100 years ago
Current products cause hair loss and scalp damage
- No graduate qualification for product developers
technical ingredient mixing with no/little scientific understanding
- Not one dedicated hair testing facility
in-house R&R, overseas Labs like TRI
- Many unemployed science graduate
NRF 2011 >1000 applicants
- Large hair market estimate 1.2 billion pa
South Africans own < 40%, Africans even less!

Solutions from our side...

- Set-up a state of the art comprehensive hair (and skin) research facility
- Make accessible new technologies to South African hair cosmetic companies
- Set up the first post graduate qualification (MSc) in cosmetic science.
- This will improve entrepreneurship/competitiveness
- Not a charity project - designed to be self-sustaining by year 4. Will offer the hair/skin industry very well trained scientists and improve competitiveness
- For the doctor in me – the absolute delight will be development of safer hair/skin products and reduction of preventable hair loss and skin damage

Discussion - Solutions from your side...

- Open discussion
- NSF
- CHIETA
- The dti
- Health Inspectors

**Declaration on the Afro hair industry at the launch of the Hair and Skin
Research (HSR) Laboratory
Groote Schuur Hospital, Cape Town
29 May 2015**

1. We identify the following problems and opportunities for improvement within the afro hair industry:
 - Hairdressers
 - Deficiency in training and professionalism*
 - Quality of products and lack of new innovations
 - Consumer awareness is not optimal
 - Deficiency in implementation of existing regulations
 - Poor health and hygiene practices should be addressed

2. We commit to collaborating on finding solutions
 - Recognise that this will require a multidisciplinary involvement of various stakeholders.



ATTENDANCE REGISTER

UCT DERMATOLOGY PROJECT LAUNCH

29 MAY 2015 @ GROOTE SCHUUR HOSPITAL

Initials & Surname	Signature	e-mail address	Contact number
1. B. SIPENGANE		sipengane.b@dhet.gov.za	012-943 3162
2. N. Pono		nomunyo@edendm.co.za	044 803 1522
3. E. Barnard		elizna@edendm.co.za	044 272 2241
4. N. VENABLE		nomjezetkov@serviceseto.org.za	011 276 9637
5. L. RAMAJOE		leltonay@serviceseto.org.za	011 276 9734
6. E. Mashabane		mashabane.e@dhet.gov.za	012 943 3138
7. G. Mabebe		Gmabebe@thedti.gov.za	012 394 5882
8. J. CHANEE		JChanee@thedti.gov.za	012 394 1881
9. P. RAMAWA		Ramawa.P@dhet.gov.za	012 9433 155
10. N. DAMINI		Damini.n@dhet.gov.za	012 9433117
11. R. ADRIAANSE		radriaanse@chieta.org.za	076 223 8468
12. N.P. KHUMALO		n.khumalo@uct.ac.za	021404 5266 / 3376



Declaration on Improving the African Hair Industry

- Proceed to the Launch of the Hair and Skin Research Lab

Thank you