

Prevention of Non-Communicable Diseases (NCDs = ENTs) and the UN Sustainable Development Goals

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VISION

- Every child will be accorded the right to the highest attainable standard of health, and the opportunity to grow, develop, and fulfil to his or her human potential. The IPA will serve as an unceasing voice for children's health, development, and potential through advocacy, education, and action.

MISSION

• Pediatricians, working with other partners, will be leaders in promoting physical, mental, and social health for all children, and in realizing the highest standards of health for newborns, children, and adolescents in all countries of the world. The IPA will work with professional associations and all others willing to add their strengths to advocacy, education, and programming on behalf of children.

SUSTAINABLE DEVELOPMENT GOALS



OBJETIVOS DE DESARROLLO SOSTENIBLE



Sustainable Development Goals



SDGs Different from MDGs

Greater focus on...

- Leaving no one behind – all countries
- Sustainability
- Accountability
- Global partnerships
- Rights-based approach



SDG 3 -- 13 Targets for Health Goal 3

To ensure healthy lives and promote wellbeing for all at all ages

- | | |
|--|---|
| <ol style="list-style-type: none"> By 2030, reduce the global maternal mortality ratio to less than 70 per 100,000 live births By 2030, end preventable deaths of newborns and children under 5 years of age By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment. Strengthen mental health and well-being Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol By 2020, halve the number of global deaths and injuries from road traffic accidents By 2030, ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programmes Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination | <ol style="list-style-type: none"> Strengthen the implementation of the World Health Organization Framework Convention on Tobacco Control in all countries, as appropriate Support the research and development of vaccines and medicines for the communicable and non-communicable diseases that primarily affect developing countries, provide access to affordable essential medicines and vaccines, in accordance with the Doha Declaration on the TRIPS Agreement and Public Health, which affirms the right of developing countries to use the full provisions in the Agreement on Trade-Related Aspects of Intellectual Property Rights regarding flexibilities to protect public health, and, in particular, provide access to medicines for all Substantially increase health financing and the recruitment, development, training and retention of the health workforce in developing countries, especially in least developed countries and small island developing States Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of natural and global health risks |
|--|---|

SDG 3: NCD-related Targets



- Reduce mortality from NCDs by 1/3 through prevention and treatment
- Promote mental health
- FCTC (tobacco control) and Prevention/treatment of substance abuse
- Halve road traffic accident death/injury by 2020
- Achieve universal health coverage with access to essential medicines and technology

Targets, Goals and Indicators - SDG 3



3.4 ...reduce premature mortality from NCDs through prevention and treatment and promote mental health and wellbeing

Probability of dying of cardiovascular disease, cancer, diabetes, or chronic respiratory disease ~~between ages 30 and 70~~

30% reduction

Current tobacco use among persons 15 years and over

30% reduction

3.a. ...strengthen implementation of the Framework Convention on Tobacco Control in all countries as appropriate

- **No reporting or aggregation by age or life-course**
- **No second-hand smoke measures**

Non-Communicable Diseases Enfermedades Non-Transmisibles (NCDs = ENTs)

- Affect all human and economic development and threaten progress towards global goals
- Now the leading cause of death in low- and middle-income countries – and rates are rising especially in sub-Saharan Africa and South Asia
- NCDs have been viewed as a problem of adults, but children and youth are affected

WHO Global Action Plan for Prevention & Control of NCDs 2013-2020

		Behavioural risk factors			
		Tobacco use	Unhealthy diets	Physical inactivity	Harmful use of alcohol
Noncommunicable diseases	Heart disease and stroke	✓	✓	✓	✓
	Diabetes	✓	✓	✓	✓
	Cancer	✓	✓	✓	✓
	Chronic lung disease	✓			

WHO Global Action Plan – Added at the 2018 High Level Meeting on NCDs at the UN

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	Diabetes	✓	✓	✓	✓
	Cancer	✓	✓	✓	✓
	Chronic lung disease	✓			

Environmental risk factor

Mental Health disease



WHO Global NCD Action Plan 2013-2020



- **MULTISECTORAL** policy options for UN Member States
- Agreed commitment by international partners and private sectors
- “Best buys” – cost effective interventions



A global multi- stakeholder coalition addressing the rights and needs of **all** children, adolescents and youth living with or at risk of developing NCDs.



Children require a *different* approach to the prevention and treatment of NCDs than do adults

A life-course, rights-based approach

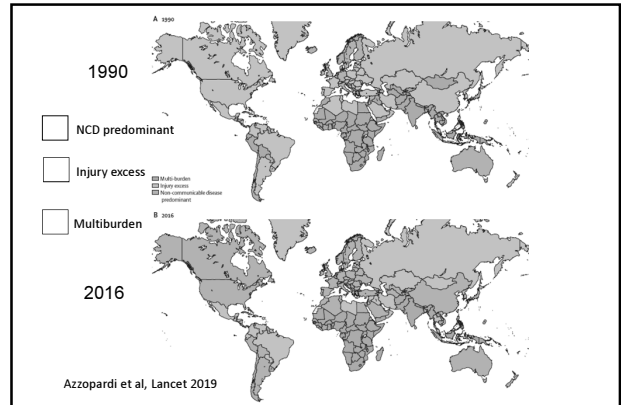
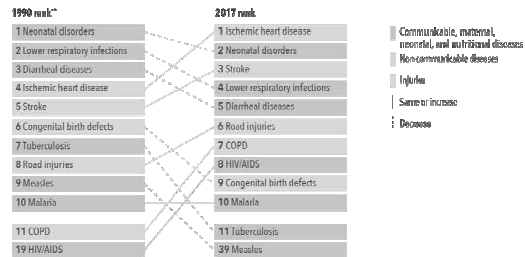
Children and Youth and Non-communicable Diseases (NCDs)

- **Prevention**
 - Nutrition – Malnutrition and Obesity
 - Tobacco and Secondhand smoke, Alcohol/drugs
 - Injury
 - Mental health, Early brain development, toxic stress
- **Access to care**
 - Diabetes, congenital heart dx, cancer, asthma, other special health care needs -- treatment affects survival

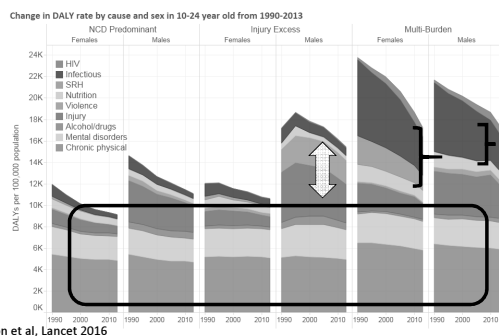
Advocacy at the 2018 UN High Level Meeting on NCDs

- Asked governments to recognize needs of children and youth
 - For broader definition of NCDs that include prevention and treatment for children and youth
 - For a rights based, life course approach
 - For integration into SDG and UHC (Universal Health Care) agendas
 - Remove age brackets from SDG target 3.4
- Include young people

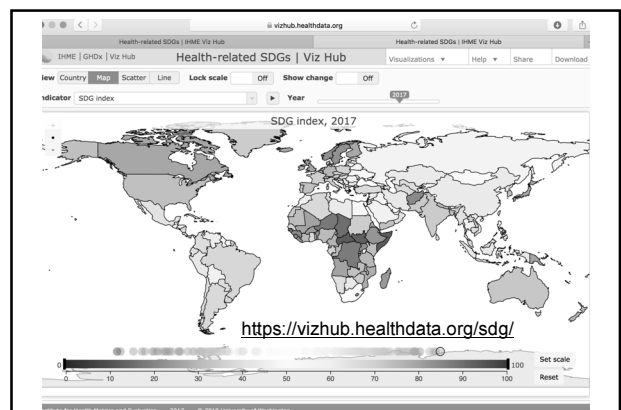
Leading causes of early death, 1990–2017



Disease burden by country groups 1990-2015



Patton et al, Lancet 2016



Interventions for Maternal and Child Survival

Periconception

- Folic acid supplementation or fortification

Pregnancy

- Tetanus vaccination
- Syphilis detection and treatment
- Calcium and micronutrient supplementation

Childbirth

- Clean birth practices
- Labor and delivery management by SBA
- Neonatal resuscitation

Preventive Interventions for MCNH

- Thermal care
- Clean postnatal practices
- Breastfeeding
 - Promotion
 - Behavior
- Complementary feeding
 - Education only
 - Education and supplementation
- Vitamin A
- Zinc
- Insecticide treated materials
- Improved water source
- Water connection in the home
- Improved sanitation
 - latrine, toilet
- Hand washing with soap
- Hygienic disposal of stools

vaccines

- BCG
- Polio
- Pentavalent
 - DPT, Hib, HepB
- Pneumococcal
- Rotavirus
- Measles

Parenting and nurturing care

- Nurturing care includes early child development
- All essential elements for a child to grow physically, mentally and socially

- Nutrition
- Health care
- Love and security
- Protection from danger
- Opportunities to learn and discover the world



Advancing Early Childhood Development: from Science to Scale

Multi-sectoral intervention to improve child development

Family Support & Strengthening Package

Access to quality services, skills building, support

Multigenerational Nurturing Care Package

Care and protection of mothers' and fathers' physical and mental health and wellbeing, and their capacity to provide nurturing care

Early Learning & Protection Package

Integrates support for young children with parental and caregivers' support to **create a nurturing learning environment**

Advancing Early Childhood Development: from Science to Scale

Under-5 deaths preventable through universal coverage with individual interventions (2000)

India

Treatment intervention	Deaths averted (in '000s)	Percent (of total deaths)
Oral rehydration therapy	394	16%
Antibiotics for sepsis	158	7%
Antibiotics for pneumonia	153	6%
Zinc	113	5%
Newborn resuscitation	97	4%
Antibiotics for dysentery	81	3%
Vitamin A	3	0%
Antimalarials	2	0%

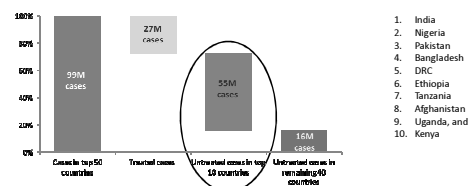
2004 & 5

PNEUMONIA

- Currently, ~3 in 4 childhood pneumonia cases around the world do not receive treatment.....~80% of this occurs in just 10 countries

55M untreated pneumonia cases in children under five occur...

...in these 10 countries (in order of untreated cases)



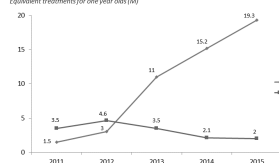
Source: BMGF, B4D and USAID. "The Growing Market for Amoxicillin Dispensable Tablets: Opportunity Assessment for Potential Manufacturers." September 2014.

Copenhagen, Denmark 2015 23-26 November

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Use of amoxicillin DT for pneumonia is growing

Equivalent treatments for one year olds (M)



Annual orders for Amoxicillin DT through UNICEF since 2011

Source: UNICEF. "Amoxicillin DT Supply Update." October 2015.

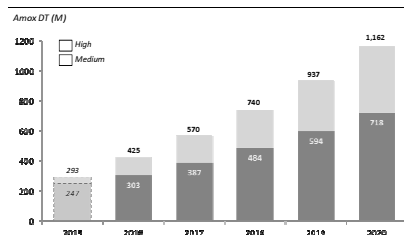
Need for scale-up supply of quality assured amoxicillin DT to meet demand from new guidance for managing pneumonia

Copenhagen, Denmark 2015 23-26 November

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Potential global demand expected to continue to grow, with up to ~4.1B amox DT needed over the next 5 years

Global annual demand could grow from ~300M tablets in 2015 to ~1.2B in 2020



Note: RAD analysis based on 50 country childhood pneumonia antibiotic forecast prepared by John Snow, Inc; includes public and private sectors

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Country-level product registration is important as regulatory conditions in key markets enable amox DT scale-up

10 key growth markets	Amox rec'd as 1st line Tx in Nati. Guidelines?	Amox DT 250mg in EML and National Proc List?
India	In progress	✓
Nigeria	In progress	In progress
Pakistan	✓	✓
Bangladesh	✓	✓
DRC	✓	✓
Ethiopia	✓	In progress
Tanzania	✓	✓
Uganda	In progress	In progress
Kenya	In progress	✗
Niger	✓	✓

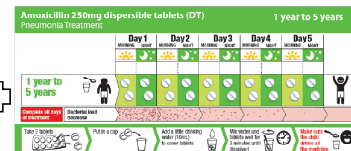
As policies are updated, countries will likely start national procurement of amox DT registered in their markets

Source: Diarrhoea and Pneumonia Working Group, "Country Update Summary," May 2015.

Copenhagen, Denmark 23-26 November 2015

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... AND APPROPRIATE USE



PATH and UNICEF piloting dispensing aids for community health workers (CHW) and primary health settings

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Bright Futures Guidelines

- ...theory-based, evidence-driven, systems-oriented principles, strategies and tools
- ...to improve the health and well-being of all children through culturally appropriate interventions
- ...address current and emerging health promotion needs at the family, clinical practice, community, health system and policy levels



Bright Futures: Guidelines for Health Supervision of Infants, Children, and Adolescents

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Components of a Bright Futures Visit

- ❖ History
- ❖ Surveillance
- ❖ Physical examination
- ❖ Screening
- ❖ Immunizations
- ❖ Anticipatory guidance

Bright Futures Periodicity Schedule

American Academy of Pediatrics
Bright Futures Periodicity Schedule

This schedule is based on the recommendations of the American Academy of Pediatrics Committee on Bright Futures. It is intended to provide a guide for the periodic health care of children and adolescents. It is not intended to replace the clinical judgment of the provider. The schedule is based on the recommendations of the American Academy of Pediatrics Committee on Bright Futures. It is intended to provide a guide for the periodic health care of children and adolescents. It is not intended to replace the clinical judgment of the provider.

Age	Well Child Visit	Immunization	Screening	Behavioral	Developmental	Physical	Neurological	Psychiatric	Substance Use	Sexual	Reproductive	Other
0-1	1	1	1	1	1	1	1	1	1	1	1	1
1-2	1	1	1	1	1	1	1	1	1	1	1	1
2-3	1	1	1	1	1	1	1	1	1	1	1	1
3-4	1	1	1	1	1	1	1	1	1	1	1	1
4-5	1	1	1	1	1	1	1	1	1	1	1	1
5-6	1	1	1	1	1	1	1	1	1	1	1	1
6-7	1	1	1	1	1	1	1	1	1	1	1	1
7-8	1	1	1	1	1	1	1	1	1	1	1	1
8-9	1	1	1	1	1	1	1	1	1	1	1	1
9-10	1	1	1	1	1	1	1	1	1	1	1	1
10-11	1	1	1	1	1	1	1	1	1	1	1	1
11-12	1	1	1	1	1	1	1	1	1	1	1	1
12-13	1	1	1	1	1	1	1	1	1	1	1	1
13-14	1	1	1	1	1	1	1	1	1	1	1	1
14-15	1	1	1	1	1	1	1	1	1	1	1	1
15-16	1	1	1	1	1	1	1	1	1	1	1	1
16-17	1	1	1	1	1	1	1	1	1	1	1	1
17-18	1	1	1	1	1	1	1	1	1	1	1	1
18-19	1	1	1	1	1	1	1	1	1	1	1	1
19-20	1	1	1	1	1	1	1	1	1	1	1	1
20-21	1	1	1	1	1	1	1	1	1	1	1	1
21-22	1	1	1	1	1	1	1	1	1	1	1	1
22-23	1	1	1	1	1	1	1	1	1	1	1	1
23-24	1	1	1	1	1	1	1	1	1	1	1	1
24-25	1	1	1	1	1	1	1	1	1	1	1	1
25-26	1	1	1	1	1	1	1	1	1	1	1	1
26-27	1	1	1	1	1	1	1	1	1	1	1	1
27-28	1	1	1	1	1	1	1	1	1	1	1	1
28-29	1	1	1	1	1	1	1	1	1	1	1	1
29-30	1	1	1	1	1	1	1	1	1	1	1	1
30-31	1	1	1	1	1	1	1	1	1	1	1	1
31-32	1	1	1	1	1	1	1	1	1	1	1	1
32-33	1	1	1	1	1	1	1	1	1	1	1	1
33-34	1	1	1	1	1	1	1	1	1	1	1	1
34-35	1	1	1	1	1	1	1	1	1	1	1	1
35-36	1	1	1	1	1	1	1	1	1	1	1	1
36-37	1	1	1	1	1	1	1	1	1	1	1	1
37-38	1	1	1	1	1	1	1	1	1	1	1	1
38-39	1	1	1	1	1	1	1	1	1	1	1	1
39-40	1	1	1	1	1	1	1	1	1	1	1	1
40-41	1	1	1	1	1	1	1	1	1	1	1	1
41-42	1	1	1	1	1	1	1	1	1	1	1	1
42-43	1	1	1	1	1	1	1	1	1	1	1	1
43-44	1	1	1	1	1	1	1	1	1	1	1	1
44-45	1	1	1	1	1	1	1	1	1	1	1	1
45-46	1	1	1	1	1	1	1	1	1	1	1	1
46-47	1	1	1	1	1	1	1	1	1	1	1	1
47-48	1	1	1	1	1	1	1	1	1	1	1	1
48-49	1	1	1	1	1	1	1	1	1	1	1	1
49-50	1	1	1	1	1	1	1	1	1	1	1	1
50-51	1	1	1	1	1	1	1	1	1	1	1	1
51-52	1	1	1	1	1	1	1	1	1	1	1	1
52-53	1	1	1	1	1	1	1	1	1	1	1	1
53-54	1	1	1	1	1	1	1	1	1	1	1	1
54-55	1	1	1	1	1	1	1	1	1	1	1	1
55-56	1	1	1	1	1	1	1	1	1	1	1	1
56-57	1	1	1	1	1	1	1	1	1	1	1	1
57-58	1	1	1	1	1	1	1	1	1	1	1	1
58-59	1	1	1	1	1	1	1	1	1	1	1	1
59-60	1	1	1	1	1	1	1	1	1	1	1	1
60-61	1	1	1	1	1	1	1	1	1	1	1	1
61-62	1	1	1	1	1	1	1	1	1	1	1	1
62-63	1	1	1	1	1	1	1	1	1	1	1	1
63-64	1	1	1	1	1	1	1	1	1	1	1	1
64-65	1	1	1	1	1	1	1	1	1	1	1	1
65-66	1	1	1	1	1	1	1	1	1	1	1	1
66-67	1	1	1	1	1	1	1	1	1	1	1	1
67-68	1	1	1	1	1	1	1	1	1	1	1	1
68-69	1	1	1	1	1	1	1	1	1	1	1	1
69-70	1	1	1	1	1	1	1	1	1	1	1	1
70-71	1	1	1	1	1	1	1	1	1	1	1	1
71-72	1	1	1	1	1	1	1	1	1	1	1	1
72-73	1	1	1	1	1	1	1	1	1	1	1	1
73-74	1	1	1	1	1	1	1	1	1	1	1	1
74-75	1	1	1	1	1	1	1	1	1	1	1	1
75-76	1	1	1	1	1	1	1	1	1	1	1	1
76-77	1	1	1	1	1	1	1	1	1	1	1	1
77-78	1	1	1	1	1	1	1	1	1	1	1	1
78-79	1	1	1	1	1	1	1	1	1	1	1	1
79-80	1	1	1	1	1	1	1	1	1	1	1	1
80-81	1	1	1	1	1	1	1	1	1	1	1	1
81-82	1	1	1	1	1	1	1	1	1	1	1	1
82-83	1	1	1	1	1	1	1	1	1	1	1	1
83-84	1	1	1	1	1	1	1	1	1	1	1	1
84-85	1	1	1	1	1	1	1	1	1	1	1	1
85-86	1	1	1	1	1	1	1	1	1	1	1	1
86-87	1	1	1	1	1	1	1	1	1	1	1	1
87-88	1	1	1	1	1	1	1	1	1	1	1	1
88-89	1	1	1	1	1	1	1	1	1	1	1	1
89-90	1	1	1	1	1	1	1	1	1	1	1	1
90-91	1	1	1	1	1	1	1	1	1	1	1	1
91-92	1	1	1	1	1	1	1	1	1	1	1	1
92-93	1	1	1	1	1	1	1	1	1	1	1	1
93-94	1	1	1	1	1	1	1	1	1	1	1	1
94-95	1	1	1	1	1	1	1	1	1	1	1	1
95-96	1	1	1	1	1	1	1	1	1	1	1	1
96-97	1	1	1	1	1	1	1	1	1	1	1	1
97-98	1	1	1	1	1	1	1	1	1	1	1	1
98-99	1	1	1	1	1	1	1	1	1	1	1	1
99-100	1	1	1	1	1	1	1	1	1	1	1	1

Priorities 12 Month Visit – BF 4th Edition

- ☐ Social determinants of health (the economic and social conditions that shape the health of individuals and communities)
- ☐ Establishing routines
- ☐ Feeding and appetite changes
- ☐ Establishing a dental home
- ☐ Safety

Healthy People 2020

Bright Futures Previsit Questionnaire 18 Month Visit

For us to provide you and your baby with the best possible health care, we would like to know how things are going.

Please answer all of the questions. Thank you.

Do you have any concerns, questions, or problems that you would like to discuss today?

PRIORITIES FOR THE VISIT

The first priority is to attend to the concerns of the parents. In addition, the Bright Futures Early Childhood Expert Panel has given priority to the following topics for discussion in this visit:

- Family support (parental well-being, adjustment to toddler's growing independence and occasional negativity, queries about a new sibling planned or on the way)
- Child development and behavior (adaptation to nonparental care and anticipation of return to clinging, other changes connected with new cognitive gains)
- Language promotion/hearing (encouragement of language, use of simple words and phrases, engagement in reading/singing/talking)
- Toilet training readiness (recognizing signs of readiness, parental expectations)
- Safety (car safety seats; parental use of safety belts; falls, fires, and burns; poisoning; guns)

What would you like to talk about today?

Do your child's eyes drop or does one eyelid tend to close? ☐ Yes ☐ No ☐ Unsure

Have your child's eyes ever been injured? ☐ Yes ☐ No ☐ Unsure

Does your child have a sibling or playmate who has or had lead poisoning? ☐ Yes ☐ No ☐ Unsure

Does your child live in or regularly visit a house or child care facility built before 1979 that is being or has recently been within the past 6 months) renovated or remodeled? ☐ Yes ☐ No ☐ Unsure

Does your child live in or regularly visit a house or child care facility built before 1950? ☐ Yes ☐ No ☐ Unsure

Core Tools: Integrated Format

Previsit Questionnaires

- Allows healthcare provider to gather pertinent information without using valuable time asking questions

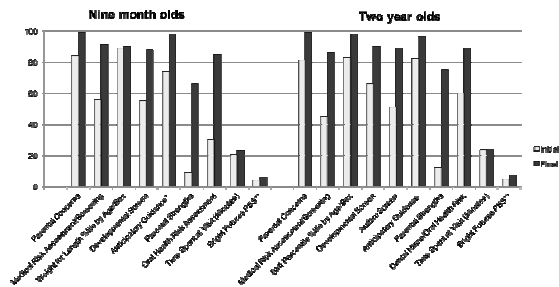
Documentation Forms

- Enables Provider to document all pertinent information and fulfill quality measures

Parent/Patient Handouts

- Provides Parental Education at the Bright Future Priorities for the visit

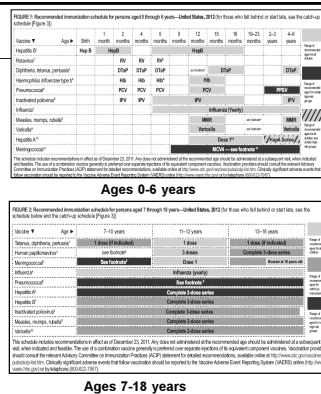
Implementation of BF improves screening and interventions



Implementation of BF improves screening – does not make visits longer

Bright Futures Preventive Service Performed	Initial	Final	p
Nine Month Olds, Mean(SD)	N=20	N=20	
Time Spent at Visit (Minutes)	20.75 (10.55)	23.35 (12.33)	.047
Bright Futures PSS*	3.99 (1.32)	6.22 (.62)	.000
Two Year Olds, Mean (SD)	N=20	N=20	
Time Spent at Visit (Minutes)	23.50 (12.99)	24.00 (14.92)	.733
Bright Futures PSS*	4.79 (1.57)	7.23 (.68)	.000

US Childhood and Adolescent Immunization Schedule



Middle and high income countries are most affected by vaccination confidence

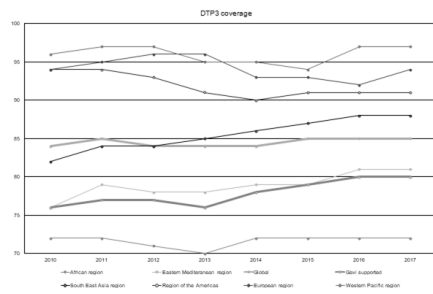
Percent Disagreeing with the Statement, "Overall I think vaccines are safe"



IPA Vaccine Hesitancy Project #IPATrustsVaccines

The State of Vaccine Confidence Report, 2016, LSHTM

Despite substantial supply-side investment: immunization coverage is flat.....time to focus on demand?



IPA Vaccine

Adolescent Clinical Preventive Services

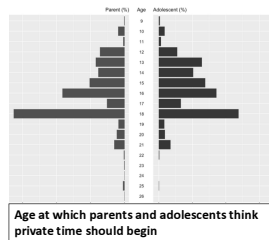
Immunizations:
HPV, Hepatitis B,
meningococcal
disease, influenza,
tetanus,
diphtheria,
pertussis

**Screening and
treatment** for
sexually
transmitted
infections (STIs)
and the *provision*
of reproductive
and sexual health
care services

**Screening and
counseling** to
reduce risky
behaviors such as
tobacco, alcohol
and drug use and
to address injury
prevention, mental
health, obesity and
physical activity

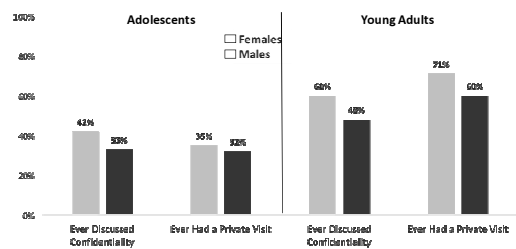
Parent and Adolescent Attitudes

- Adolescents and parents often agree about **importance of preventive services**, private time and confidentiality
- Parents value **clinical preventive services** somewhat more than youth
- Youth value **confidentiality** more than parents
- Both parents and adolescents think private conversations should start later (mode = age 18) than recommended in clinical care guidelines (age 13)



Age at which parents and adolescents think private time should begin

Ever had Private Time and Ever Discussed Confidentiality



Key finding: ~half of AYA report ever having private time or confidentiality discussion

Bright Futures Previsit Questionnaire
15 to 17 Year Visits

For us to provide you with the best possible health care, we would like to get to know you better and know how things are going for you. Our discussions with you are private. We hope you will feel free to talk openly with us about yourself and your health. Information is not shared with other people without your permission unless we are concerned that someone is in danger. Thank you for your time.

What would you like to talk about today?

Do you have any concerns, questions, or problems that you would like to discuss today?

What changes or challenges have there been at home since last year?

Do you have any special health care needs? ☐ No ☐ Yes ☐ Unsure, describe:

Do you live with anyone who uses tobacco or spend time in any place where people smoke? ☐ No ☐ Yes, describe:

How many hours per day do you watch TV, play video games, and use the computer (not for schoolwork)?

We are interested in answering your questions. Please check off the boxes for the topics you would like to discuss the most today.

Your Growing and Changing Body ☐ How your body is changing ☐ Teeth ☐ Appearance or body image ☐ How you feel about yourself
☐ Healthy eating ☐ Good ways to keep active ☐ Protecting your ears from loud noise

School and Friends ☐ Your relationship with your family ☐ Your friends ☐ Girlfriend or boyfriend ☐ How you are doing in school
☐ Organizing your time to get things done ☐ Here after high school

How You Are Feeling ☐ Dealing with stress ☐ Keeping under control ☐ Sexuality ☐ Feeling sad ☐ Feeling anxious
☐ Feeling irritable ☐ Keeping a positive attitude

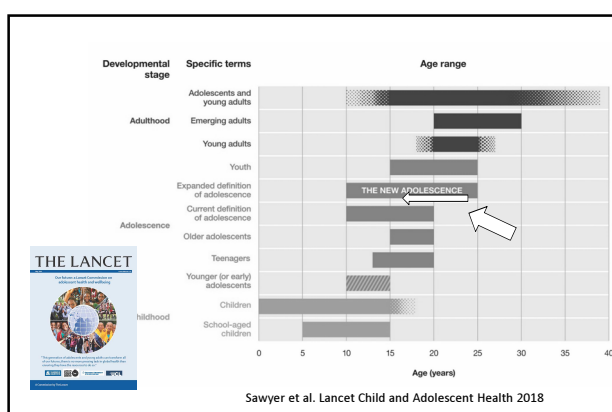
Healthy Behavior Choices ☐ Pregnancy ☐ Sexually transmitted infections (STIs) ☐ Smoking cigarettes ☐ Drinking alcohol ☐ Using drugs
☐ How to avoid risky situations ☐ Decisions about sex, alcohol, and drugs
☐ How to support friends who don't use alcohol and drugs
☐ How to follow through with decisions you have made about sex, alcohol, and drugs

Violence and Injuries ☐ Car safety ☐ Using a helmet ☐ Driving rules for new teen drivers ☐ Gun safety ☐ Dating violence or abuse
☐ Bullying or trouble with other kids ☐ Keeping yourself and your friends safe in risky situations

Tools & Resources Kit

- ☐ **Bright Futures Tool and Resource Kit** also contains:
 - Additional Parent/Patient Handouts
 - Developmental, behavioral, and psychosocial screening and assessment tools
 - Practice management tools for preventive care
 - Information on community resources
- ☐ All of **Bright Futures** developed materials are in the public domain

brightfutures.aap.org/materials-and-tools/tool-and-resource-kit/Pages/default.aspx



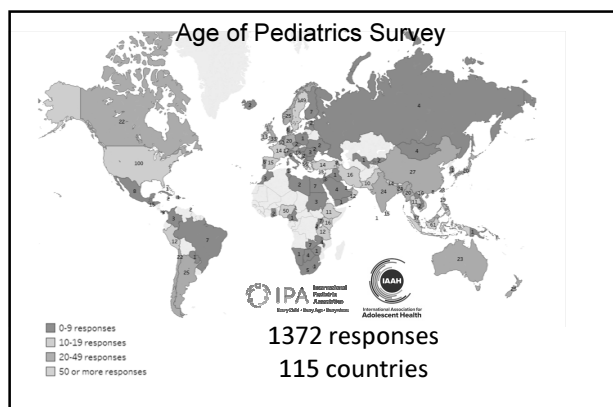
Why does this matter?

How we conceptualise and define adolescence influences the scope and focus of laws, policies and programmes intended to protect and empower adolescents

Care and Protect

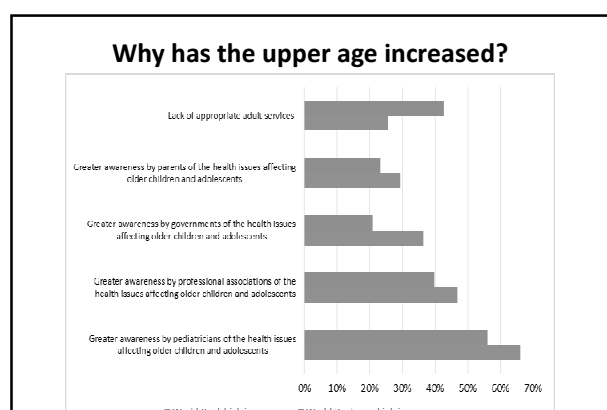
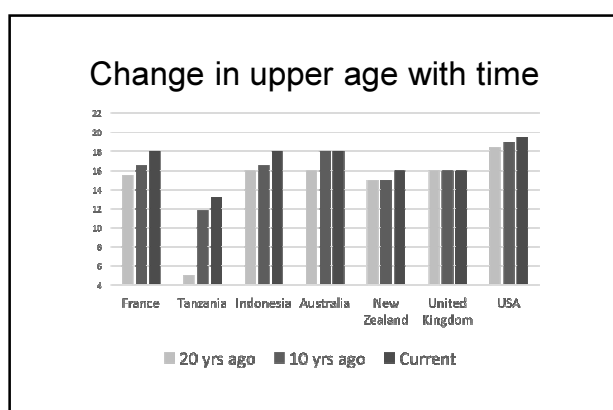
Engagement and empowerment

Sawyer et al. Lancet Child and Adolescent Health 2018

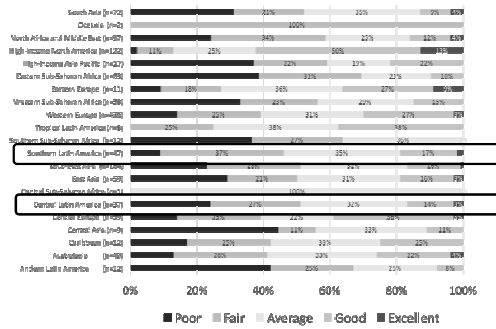


Demographics: respondents (n=1372)

		N	%
Sex	Female	748	55%
Years of practice	<10	362	26%
	10-19	367	27%
	20-29	336	24%
	30-39	336	24%
	>40	74	5%
Type of practice	Primary care	319	23%
	Specialist Private Practice	392	29%
	Public Hospital	739	54%
	Academic Paediatrician	554	40%
	Other	53	4%
Leadership role in national paediatric association	Yes	385	32%
Member, national adolescent association	Yes	71	5%



Quality of teaching and training



Expand political will... and improve preventive care

The SDGs call for:

- Equitable opportunities
- All countries to prioritize the most vulnerable

An opportunity to scale-up preventive services for children and youth

- Go to scale with effective evidence based interventions
- Expand content to address changing epidemiology
- Expand the quality front line health worker delivery of care



Integration Example – tobacco and secondhand smoke

- Low birthweight
- Resp. distress
- Sudden infant death

- Influenza
- Tuberculosis
- Acute gastroenteritis
- Pneumonia
- Asthma

- Obesity
- Food insecurity/hunger
- Diabetes

- 10% of cancers due to second hand smoke

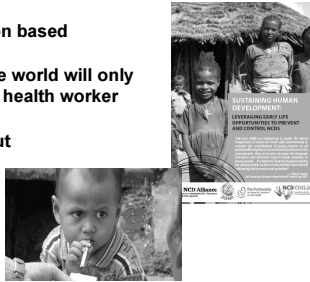


Artwork by Anne R. © 2009 AAP Children's Art Contest

Integration Example – tobacco and secondhand smoke

- **Maternal and Child Health systems**

- Already population based
- Most people in the world will only see one front line health worker
- Prevention without technology or pharma 'parent' less easy to spread



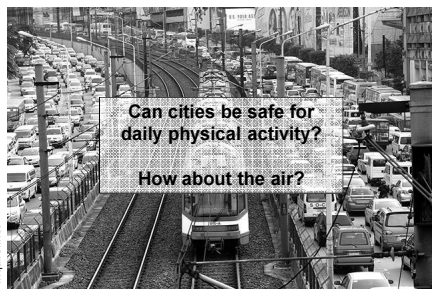
Integration Example – High Resource Systems

- **Child and Adolescent Health Guidelines**

- Bright Futures
- Medical Home for Children with Special Health Care Needs (CSHCNs)
 - NB Screening?
 - Birth asphyxia?
 - Injury?

- **Community and clinical support needed regardless of underlying condition(s)**





Opportunities for Action

- Need for broader definition of NCDs to achieve appropriate integration **
- Include prevention and treatment of NCDs for children and youth in SDGs and NCD Roadmap
- Integrate NCD prevention and treatment into frontline population-based health care systems
- Include young people in advocacy and planning
- Address both social and commercial determinants of health

Action on access to care

- National health systems to include NCD prevention and treatment in Universal Health Care
- Essential Medicines and technology lists for children are incomplete – age cutoff is at 12 -- and drugs are not always available in countries (eg, hydrocortisone, insulin)
- Rights-based approach - all children including those with special health care needs
 - Community and clinical support regardless of underlying condition(s)

IPA and NCD Child activities

- UN and WHO advocacy [@IPA_World](https://www.ipa-world.org)
[www.IPA-World.org](https://www.ipa-world.org) [@ncdchild](https://www.ncdchild.org)
www.ncdchild.org
- Champions training to engage clinicians, civil society, and other stakeholders in country NCD advocacy/plans
- UNICEF, WHO, NCD Alliance collaboration
- Child Rights series
Essential Medicine Task Force
Youth Voice network and advocacy






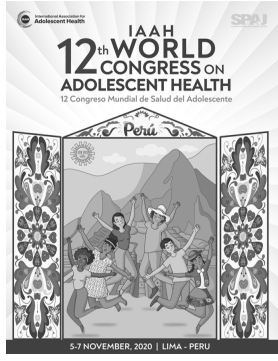






- 176 participants
- 52 countries
- 21 mini-grants

Next regional advocacy and youth workshop








International Pediatric Association

Every Child · Every Age · Everywhere




IPA 2021


GLASGOW, SCOTLAND, UK

Preserving a brighter future for all children

March 2021



Opportunities to become involved in strategic/technical expert groups in several different areas of child and adolescent health



International Pediatric Association

Every Child · Every Age · Everywhere

Thank you !

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