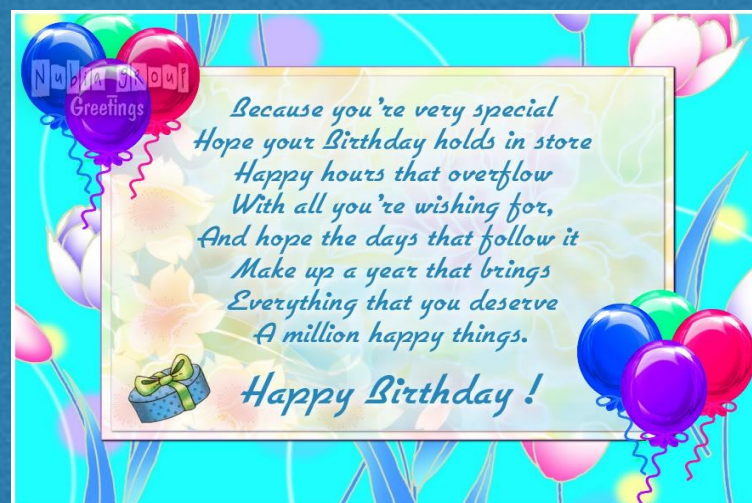


Health illiteracy

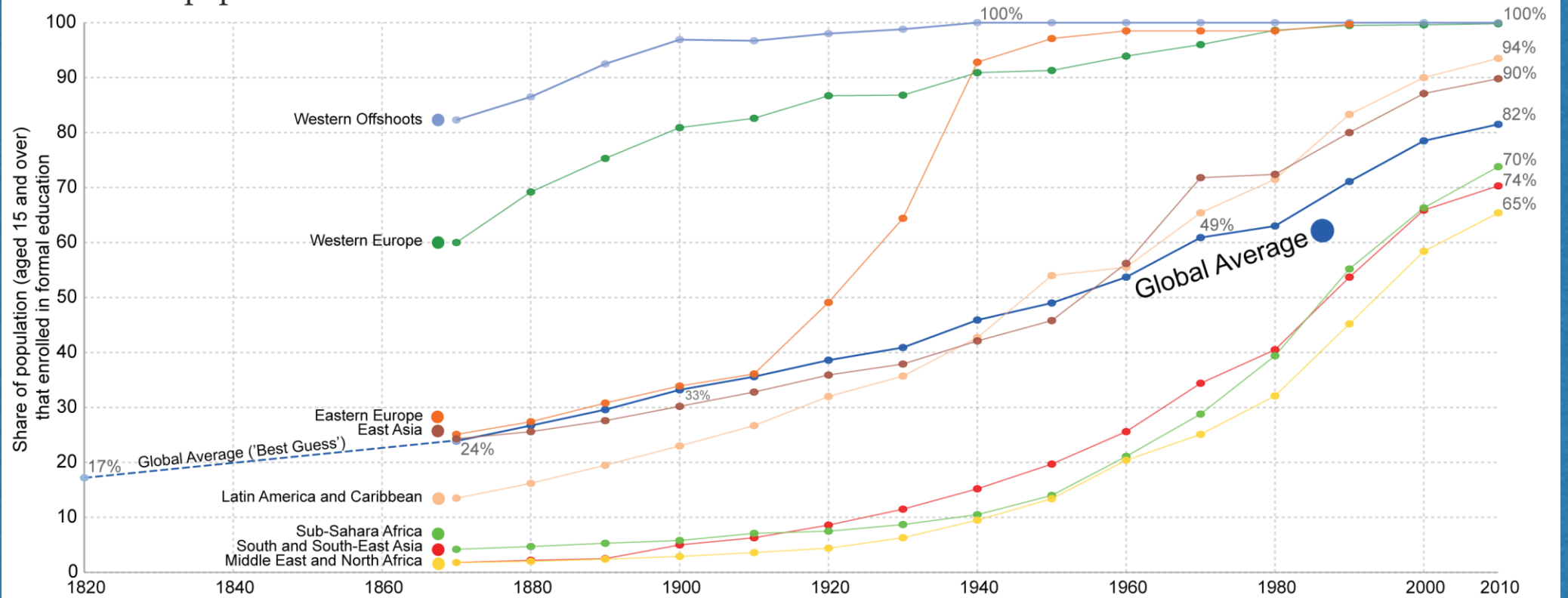
@MRvanBalken



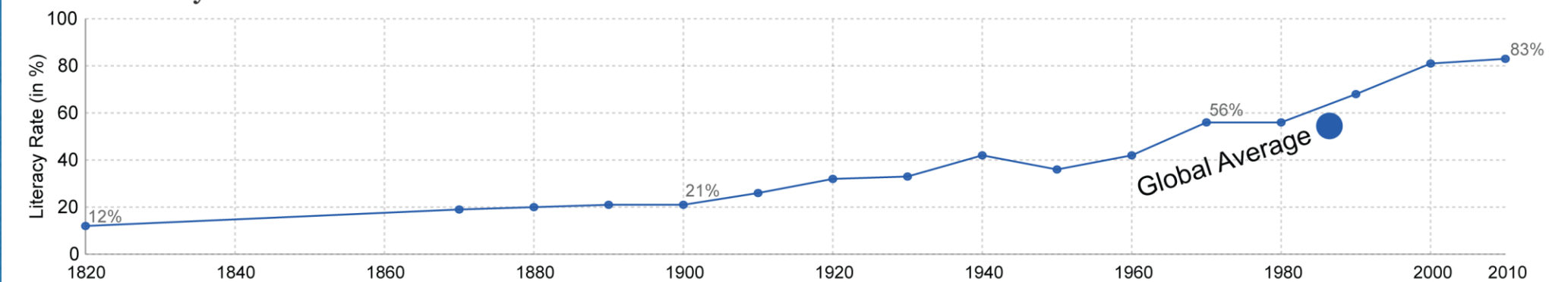


Rising education around the world, 1820-2010 – by Max Roser

Share of the population that attended school



World literacy rate

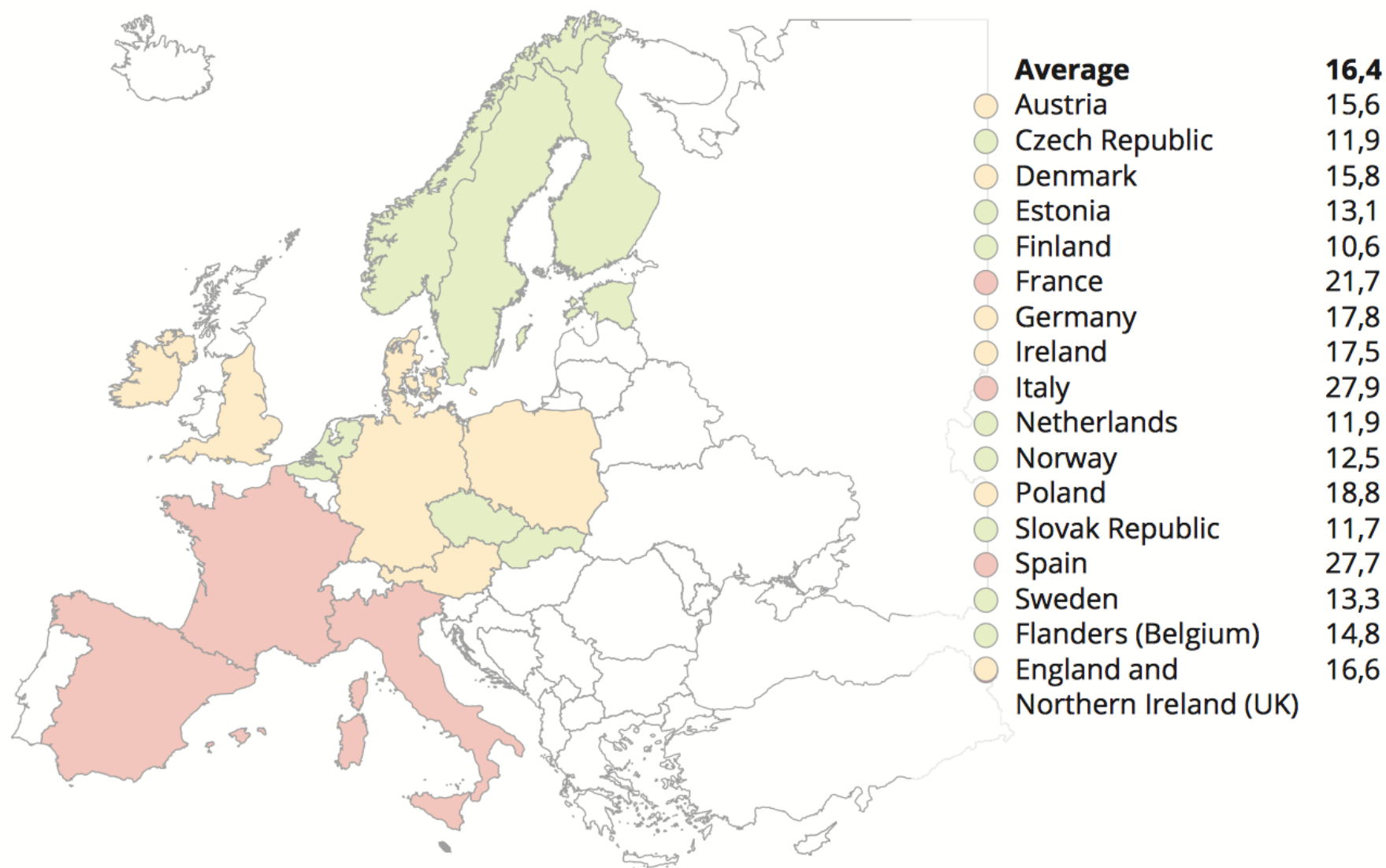


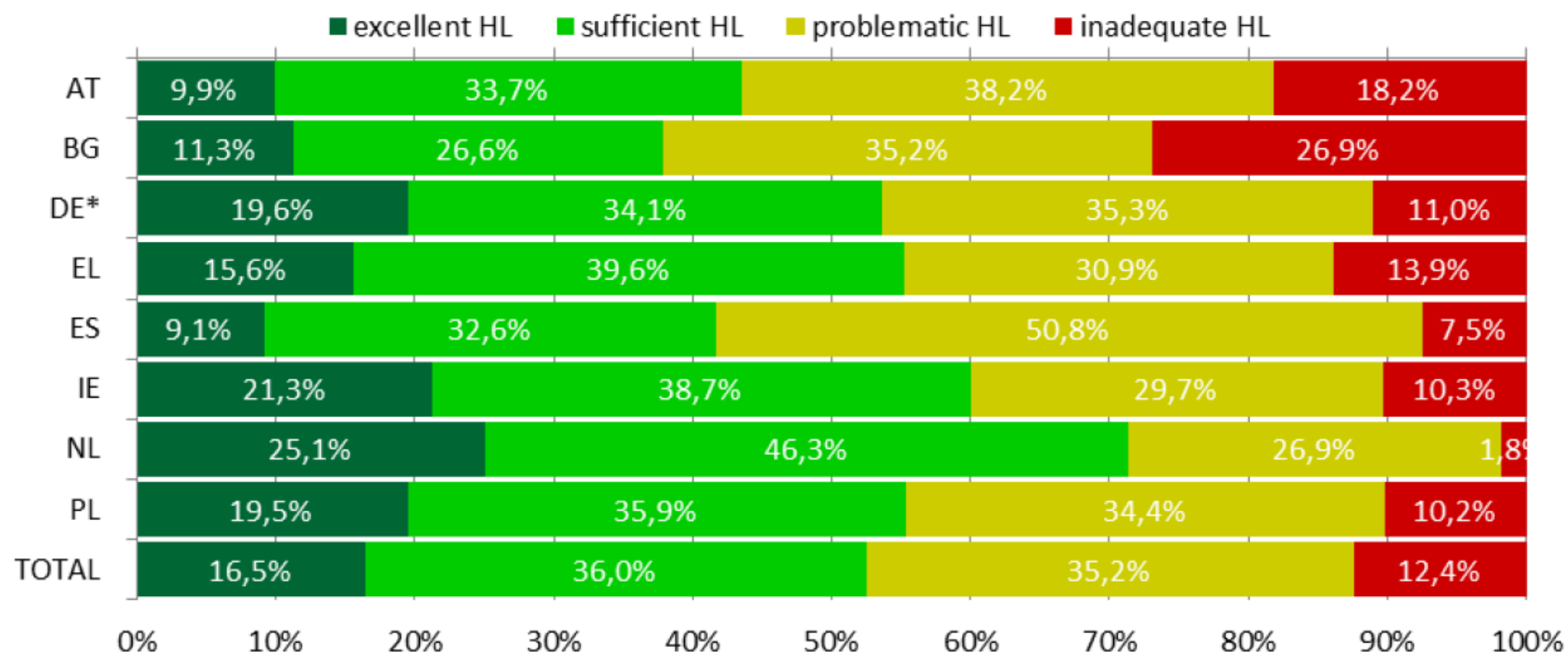
Data source: Van Zanden et al. (eds.) (2014), How Was Life?: Global Well-being since 1820, OECD.

The interactive data visualisation is available at OurWorldinData.org. There you find the raw data and more visualisations on this topic.

Licensed under [CC-BY-SA](https://creativecommons.org/licenses/by-sa/4.0/) by the author Max Roser.

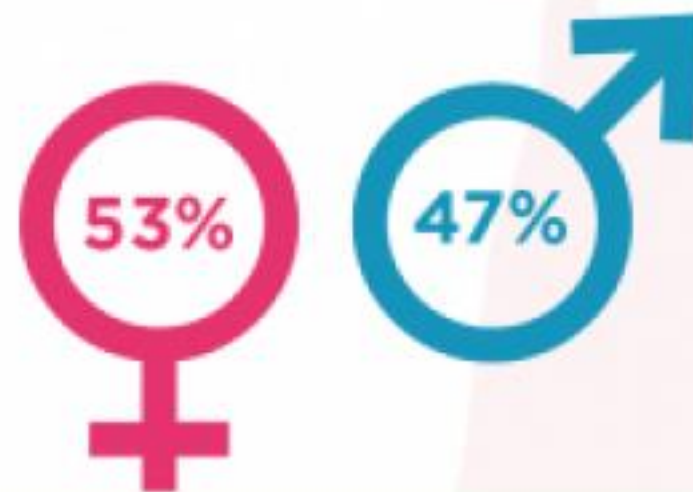
Percentage of adults between 16 and 65 years with literacy difficulties.





1,3 MILJOEN

laaggeletterden tussen de
16 en 65 jaar in Nederland



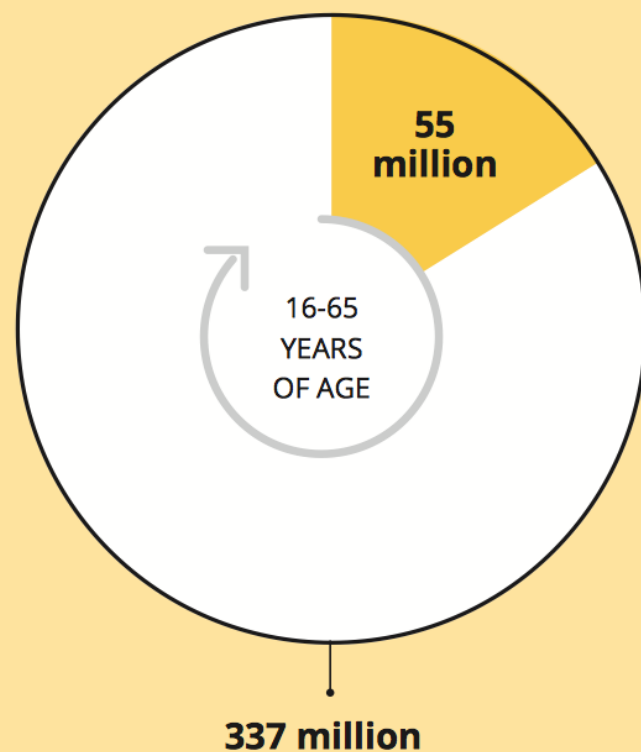
van die 1,3 miljoen is
65% autochtoon



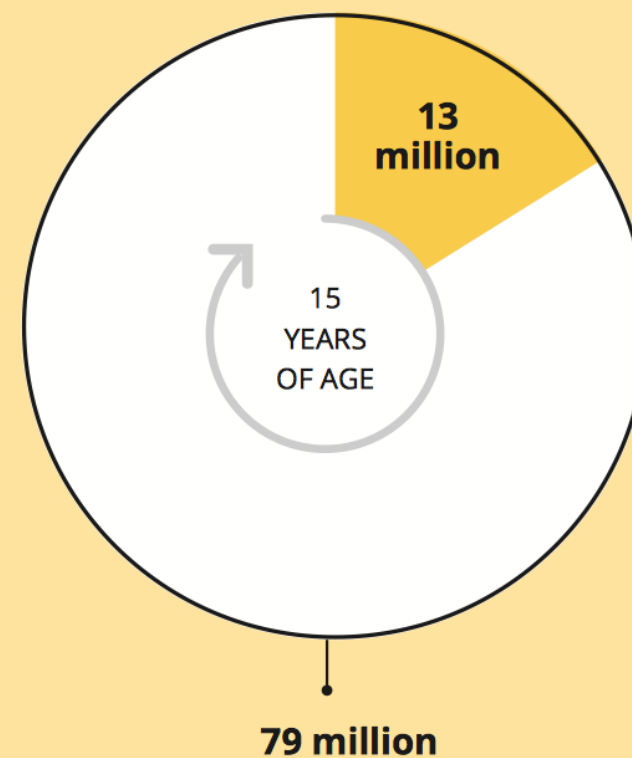
42% lager onderwijs
38% vmbo of mbo 1
9% mbo 2 3 of 4
3% havo & vwo
2% hbo & wo

PERCENTAGE LAAGGELETTERDEN VAN
DE WERKLOOSSE OP BASIS VAN
GENOTEN ONDERWIJS

Number of adults (16-65 years of age) with literacy difficulties (Source: PIAAC, 2013).



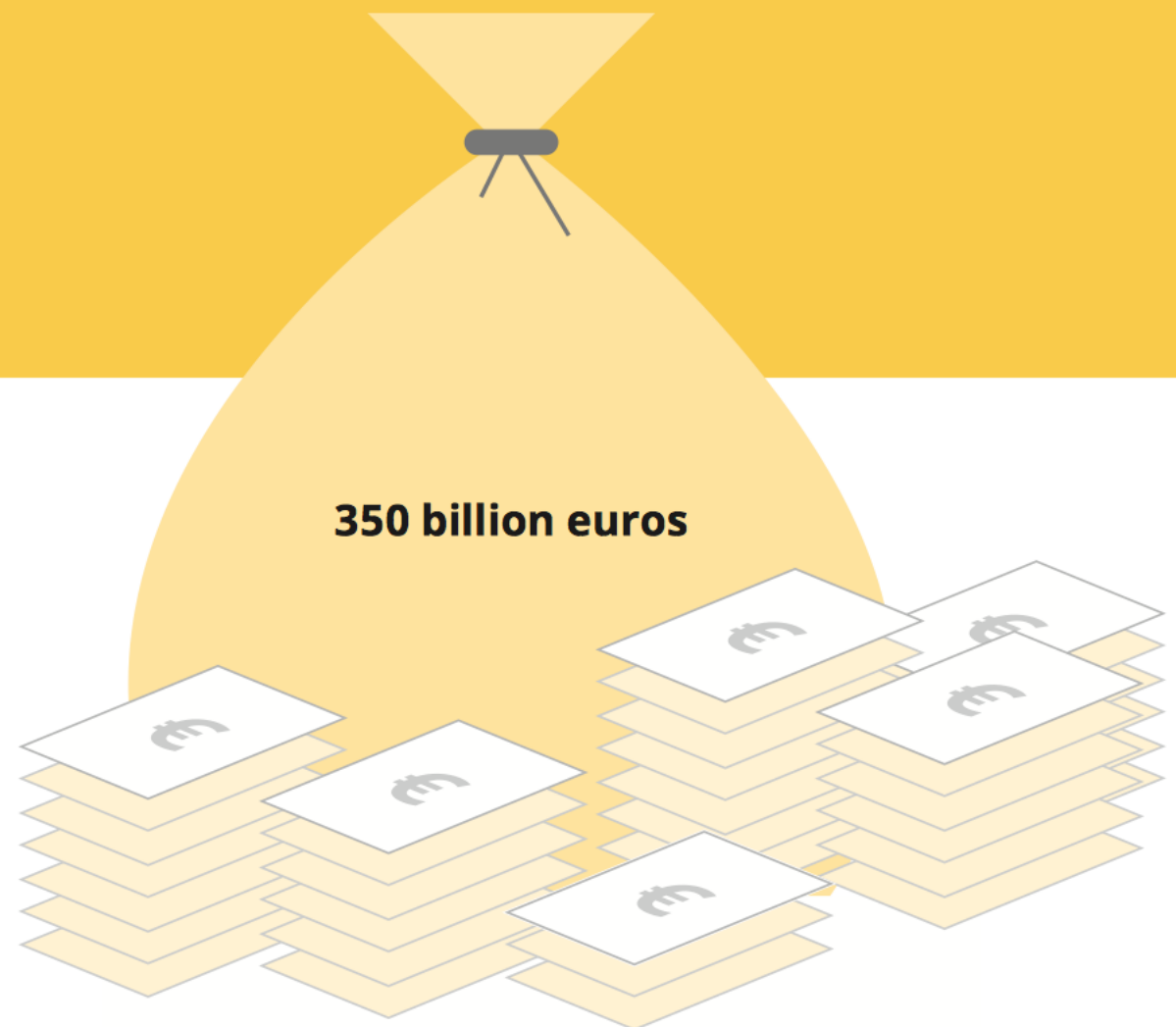
On average 17% of European 15-year-olds have poor reading skills (Source: PISA, 2012).



ECONOMY

Literacy difficulties cost the global economy 1.1 trillion euros each year and the EU economy over 350 billion euros each year.

A recent report from the World Literacy Foundation shows that literacy difficulties cost the global economy 1.1 trillion euros in 2015¹ due to:





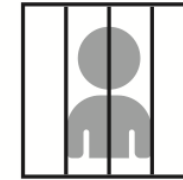
Lost earnings and limited
employability



Higher spending related to
health problems



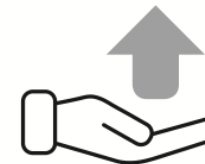
Lost business
productivity



Higher spending on the justice
system due to more crime



Lost wealth creation opportunities
for individuals and business



Higher spending on social services
and benefits



Lower technology skills
capacity in future



Higher spending on education due
to students falling behind

Kosten laaggeletterdheid

€ 556,4 MILJOEN PER JAAR

SOCIALE ZEKERHEID

€ 76 MILJOEN

Kosten

- Meer werkloosheidsuitkeringen
- Meer arbeidsongeschiktheidsuitkeringen
- Meer bijstandsuitkeringen

Oorzaken

Onvoldoende vaardigheden om een baan te vinden

BELASTING

€ 144 MILJOEN

Kosten

Gemiste belastingopbrengsten

Oorzaken

Lager belastbaar loon voor laaggeletterde werkenden en geen belastbaar loon voor werkloze laaggeletterden

WERKLOOSHEID

€ 26 MILJOEN

Kosten

Gemiste inkomsten van werkloze laaggeletterden

Oorzaken

Onvoldoende vaardigheden om een baan te vinden

CRIMINALITEIT

€ 0,4 MILJOEN

Kosten

Vandalisme

Oorzaken

Minder inzicht in gevolgen van daden

GEZONDHEIDSZORG

€ 127 MILJOEN

Kosten

- Meer ziekenhuisopnamen
- Meer huisartsbezoeken

Oorzaken

Verkeerde gezondheidskeuzes en onjuist gebruik van medicijnen

PRODUCTIVITEIT

€ 183 MILJOEN

Kosten

Lagere productiviteit van werkende laaggeletterden

Oorzaken

Onvoldoende vaardigheden om goed te presteren





Influence of education level on cancer survival in Sweden.

Hussain SK¹, Lenner P, Sundquist J, Hemminki K.

+ Author information

Abstract

BACKGROUND: While cancer survival at several sites has historically been shown to vary by education level, a current comprehensive assessment of survival following a cancer diagnosis in Sweden, a country with universal health care and cancer screening, has yet to be carried out.

METHODS: Using the 2006 update of the Swedish Family-Cancer Database and Cox's proportional hazards regression methods, we calculate the adjusted hazard ratio (HR) and 95% confidence interval to estimate the influence of education level on site-specific cancer survival.

RESULTS: Significant positive associations between education level and cancer survival were observed following a diagnosis of upper aerodigestive track cancer, colon cancer, pancreatic cancer, lung cancer, kidney cancer, urinary bladder cancer, melanoma, non-Hodgkin's lymphoma, breast cancer, endometrial cancer, cervical cancer, prostate cancer, and testicular cancer. Although the HRs differed between cancer sites, compared with women and men completing <9 years of education, university graduates were associated with a significant 40% improved survival for all cancer sites combined.

CONCLUSIONS: Survival differences by education level were observed for both indolent and aggressive malignancies.

Medications to Avoid Prior to Surgery

Ureteroscopy is the only minimally-invasive, stone surgery that can be performed while on active anti-coagulation. Even with this option, it is most preferable to discontinue all blood thinners prior to surgery, if medically possible. Please contact your surgeon's office if you are unsure about which medications to stop prior to surgery.

- **Ureteral Stent:** Almost always after ureteroscopy, a small tube called a ureteral stent will be placed. The stent serves to facilitate drainage of urine down to the bladder. At a later date, the stent will be removed in the office by your surgeon. You may experience bladder spasms related to the ureteral stent that was placed at the end of your procedure (see FAQs).

The Operation

Once you are asleep, the surgeon passes a small lighted tube (ureteroscope), through the urethra and bladder and into the ureter to the point where the stone is located. If the stone is small, it may be snared with a basket device and removed whole from the ureter. If the stone is large and/or if the diameter of the

Localised Prostate Cancer Treatment Options

A decision aid for men with localised prostate cancer



Urine Drainage Bags

Two kinds of drainage bags are available for your urinary catheter: a leg bag and a large bag. Many people like to use a leg bag during the day or when they go out and a large bag at night.

Things To Remember About Both Drainage Bags

- Keep the bag lower than your catheter. This lets urine drain into the bag.
- Wash your hands before and after working with your drainage bag.
- Keep the connecting tubes of your drainage bag clean to avoid infection.
- Keep the cover caps for the drainage bag tubes. You will need to use these again when you change drainage bags.

Large Bag



This bag works well at night. A hook lets you hang it from your bed frame while you sleep. It holds a large amount of urine, so you will not need to get up at night to empty it.

Leg Bag



The leg bag is good for daytime use. If worn under pants or a long skirt, others don't even know it is there. The elastic straps hold the bag in place on the inside of your thigh, just above your knee. This bag doesn't hold as much as the larger bag, but it is handy when moving around.

Medical History

Complete the following questions by ticking the appropriate details including (a) date, (b) amount of time lost from work, (c) other details as appropriate.

Have you ever suffered from any of the following illnesses?

Illness	Yes	No
Visual defects/eye conditions (including colour blindness)		✓
Hearing defects/ear conditions		✓
Severe anxiety, depression, other psychiatric disorder		✓
Paralysis or other neurological disorder		✓
Fainting attacks, blackouts, epilepsy or fits		✓
Recurrent headaches, migraines		✓
Vertigo, giddiness or dizziness		✓
Heart disease, high blood pressure		✓
Asthma, bronchitis		✓
Peptic ulcer or other gastrointestinal disorder		✓
Kidney of bladder disorder		✓
Gynaecological problems		✓
Any blood disorder		✓
Eczema, dermatitis, other skin conditions		✓
Diabetes, thyroid or other gland problems		✓
Hayfever, allergies to drugs, animals or food		✓
Any impairment of immunity to infection		✓
Diagnosed or suspected HIV/AIDS		✓
Any other medical condition, physical or mental, not mentioned above		✓

Has your condition ever been treated with surgery?

Has your condition ever been treated with medication?

Has your condition ever been treated with radiotherapy?

Has your condition ever been treated with chemotherapy?

Has your condition ever been treated with hormone therapy?

Has your condition ever been treated with immunotherapy?

Has your condition ever been treated with targeted therapy?

Has your condition ever been treated with other treatment?

Has your condition ever been treated with a combination of treatments?

Has your condition ever been treated with a combination of treatments and surgery?

Has your condition ever been treated with a combination of treatments and medication?

Has your condition ever been treated with a combination of treatments and radiotherapy?

Has your condition ever been treated with a combination of treatments and chemotherapy?

Has your condition ever been treated with a combination of treatments and hormone therapy?

Has your condition ever been treated with a combination of treatments and immunotherapy?

Has your condition ever been treated with a combination of treatments and targeted therapy?

Has your condition ever been treated with a combination of treatments and other treatment?

Has your condition ever been treated with a combination of treatments and a combination of treatments and surgery?

Has your condition ever been treated with a combination of treatments and a combination of treatments and medication?

Has your condition ever been treated with a combination of treatments and a combination of treatments and radiotherapy?

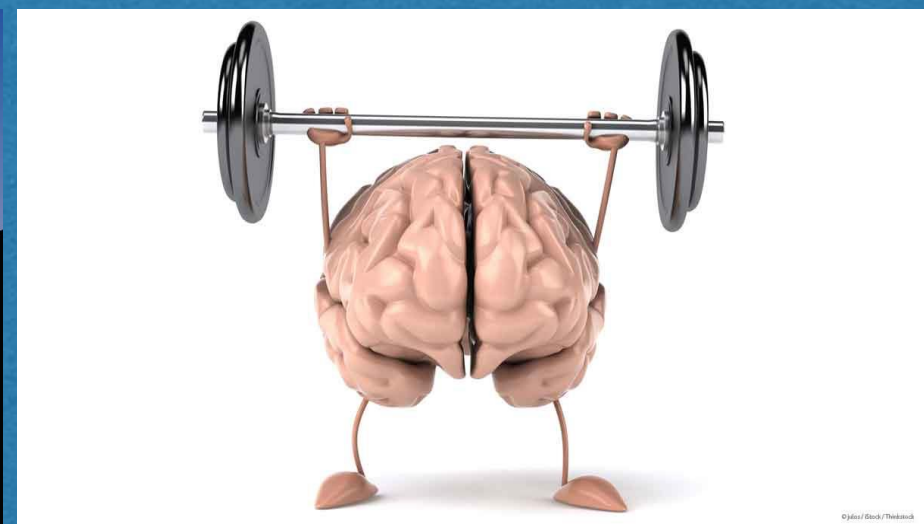
Has your condition ever been treated with a combination of treatments and a combination of treatments and chemotherapy?

Has your condition ever been treated with a combination of treatments and a combination of treatments and hormone therapy?

Has your condition ever been treated with a combination of treatments and a combination of treatments and immunotherapy?

Has your condition ever been treated with a combination of treatments and a combination of treatments and targeted therapy?

Has your condition ever been treated with a combination of treatments and a combination of treatments and other treatment?



HOW DO I



recognise



FIGURE 1

Words to avoid in patient consultations

Word types to avoid	Definition	Example word	Alternative word
Medical words	Used to describe health	Condition	How you feel
		Dysfunction	Problem
Concept words	Used to describe an idea	Avoid	Do not use
		Wellness	Good health
Category words	Used to describe a group	Adverse	Bad
		High-intensity exercise	Use a specific example
Value judgment words	Require an example to convey their meaning	Adequate	Enough
		Significantly	Enough to make a difference

Created with information provided by the National Patient Safety Foundation.

J Clin Oncol. 2009 Apr 20;27(12):2015-21. doi: 10.1200/JCO.2008.17.3468. Epub 2009 Mar 23.

Lack of comprehension of common prostate cancer terms in an underserved population.

Kilbridge KL¹, Fraser G, Krahm M, Nelson EM, Conaway M, Bashore R, Wolf A, Barry MJ, Gong DA, Nease RF Jr, Connors AF.

⊕ Author information

Abstract

PURPOSE: To assess the comprehension of common medical terms used in prostate cancer in patient education materials to obtain informed consent, and to measure outcomes after prostate cancer treatment. We address this issue among underserved, African-American men because of the increased cancer incidence and mortality observed in this population.

PATIENTS AND METHODS: We reviewed patient education materials and prostate-specific quality-of-life instruments to identify technical terms describing sexual, urinary, and bowel function. Understanding of these terms was assessed in face-to-face interviews of 105, mostly African-American men, age > or = 40, from two low-income clinics. Comprehension was evaluated using semiquantitative methods coded by two independent investigators. Demographics were collected and literacy was measured.

RESULTS: Fewer than 50% of patients understood the terms "erection" or "impotent." Only 5% of patients understood the term "incontinence" and 25% understood the term "bowel habits." More patients recognized word roots than related terms or compound words (eg, "rectum" v "rectal urgency," "intercourse" v "vaginal intercourse"). Comprehension of terms from all domains was statistically significantly correlated with reading level ($P < .001$). Median literacy level was fourth to sixth grade. Prostate cancer knowledge was poor. Many patients had difficulty locating key anatomic structures.

CONCLUSION: Limited comprehension of prostate cancer terms and low literacy create barriers to obtaining informed consent for treatment and to measuring prostate cancer outcomes accurately in our study population. In addition, the level of prostate cancer knowledge was poor. These results highlight the need for prostate cancer education efforts and outcomes measurements that consider literacy and use nonmedical language.

VPSS (Visual Prostate Symptom Score)

© Stellenbosch University

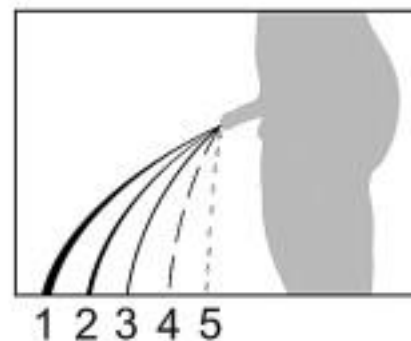
Patient's Name:

Pasiënt se Naam:

Date:

Datum:

A



B



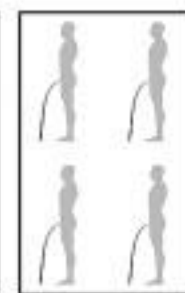
1



2



3



4



5



6 or more

C



1



2



3



4



5



6 or more

D



1



2



3



4



5



6

A =

B =

C =

D =

A + B + C =

Carrier
10:31 PM

Leaks
Add Leak
Save

Degree

☒

Few Drops

☐

Wet Spot

☐

Wet Clothes

☐

Soaked

Urge

☒

None

☐

Little

☐

Modest

☐

Severe

Cause

☒

None

☐

Sport

☐

Sex

☐

Coughing

Overview
Intakes
Pees
Leaks

De Telegraaf **BINNENLAND**

Nieuws | Privé | Teleport | Financieel | OverGeld | MijnBedrijf | Vrouw | Film en Uitgaan | Reizen | Autovis
Binnenland | Buitenland | Weer | Dagboek | Onze nieuw | Video | Horoscoop | Sneeuwnieuws | WUZ | Mobiel

SNELNIEUWS
Dinsdag 5 oktober

Binnen- en Buitenland RSS

- 11:35 Nieuwe kauwgom houdt straten schoon
- 11:26 Grap leidt tot frontale botsing
- 11:25 Advocate Soerel wil uitstel proces
- 11:18 Hoofddoek mag op universiteiten...
- 10:55 Scooterrijder verongelukt
- 10:52 Stelling van de dag
- 10:41 Vrouw (89) thuis overvallen
- 10:32 Brood met schroeven in België
- 10:27 Commentaar: Belediging
- 10:24 Protest tegen samenwerking
- 10:23 Vergadering CDA uitgesteld
- 10:13 Man verdacht van

ma 04 okt 2010, 16:33 | lees voor

Wraking succesvol. Zaak opnieuw

AMSTERDAM - Als de wrakingskamer van de rechtbank Amsterdam het verzoek tot wraking tegen Geert Wilders mogelijk met drie nieuwe rechters wordt lezen. Ook zullen er nieuwe zittingen. De zaak wordt in dat geval van meldde een woordvoerder van de rechtbank.

Ook de regiezitting, die in januari van dit jaar plaatsvond, zal opnieuw moeten worden gedaan. Tijdens zo'n zitting wordt de omvang van het proces bepaald. Wilders' advocaat Bram Moszkowicz kan dan opnieuw toelichten welke getuigen hij van belang vindt.

De rechtbank die Moszkowicz maandag heeft gewraakt stond slechts drie van de achttien getuigen toe die Moszkowicz in het kader van de zaak had willen horen. Het drietal dat is gehoord steunt Wilders in diens opvatting dat de Islam geen religie maar een politieke ideologie is.

De gewraakte rechters.

Foto: ANP

<http://bit.ly/arXZgw>

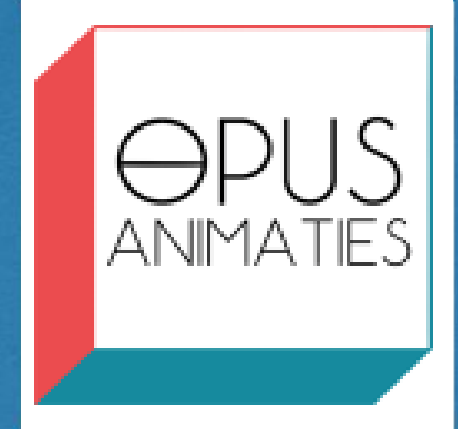
Click to listen!!!

Streaming audio





a a p
n o o t
n i e r





No smoking at any time on board this airplane.
この航空機内は常時禁煙です。
任何時間在本機内請勿吸烟。
여객기에 이륙 후에는 항상 금연으로 되어있습니다.
Rauchen an Bord dieses Flugzeugs ist keiner Zeit gestattet.
Interdiction permanente de fumer à bord de cet avion.
No fumar en ningún momento a bordo de este avión.



Taxi, Take-off, & Landing
滑走、離陸、着陸
滑行、起飛和降落
택싱, 이륙, 및 착륙
Rollen, Abflug und Landung
Déplacement au sol, décollage et atterrissage
Durante el rodaje, el despegue, y el aterrizaje



While seated
お座席では
在座時
착석해 있는 동안
Während Sie sitzen
Lorsque vous êtes assis
Mientras está sentado



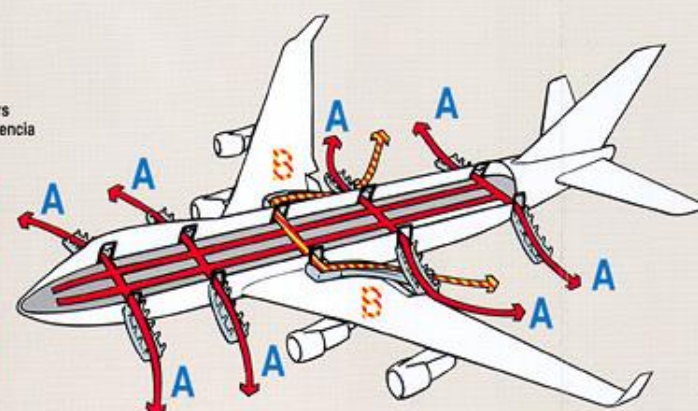
Do not use...
機内では以下のものは使用しないでください。
請勿使用...
여객기를 비행하기 직전 기온,
Benutzen Sie nicht...
Ne pas utiliser...
No use...



Oxygen
酸素マスク
氧氣
산소
Sauerstoff
Oxygène
Oxígeno

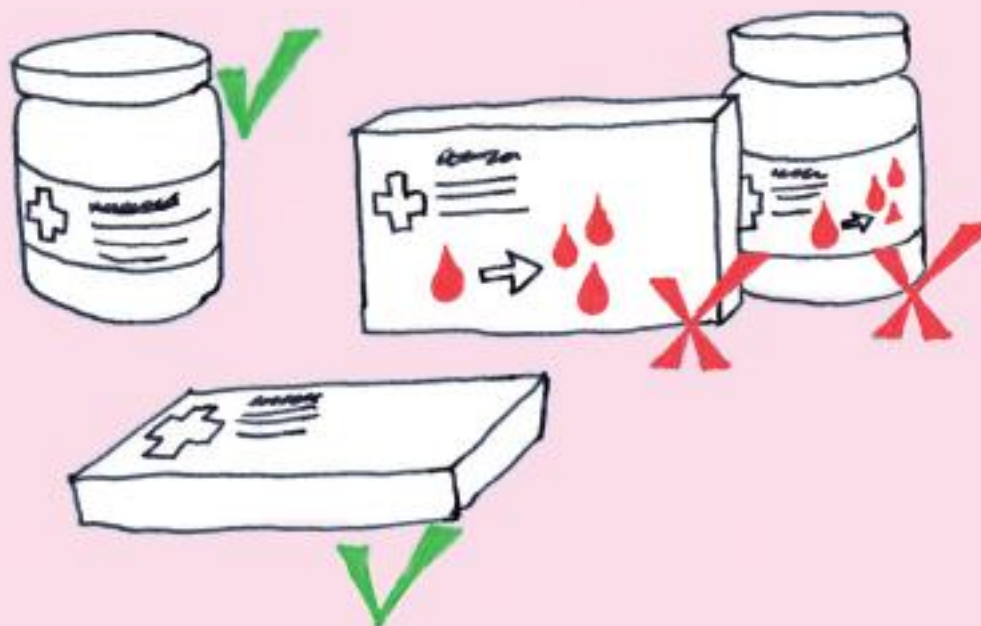


Emergency exits
非常口
緊急出口
Notausgänge
Sorties de secours
Salidas de emergencia



Exit
非常口
通過
출구
Ausgang
Sortie
Salida



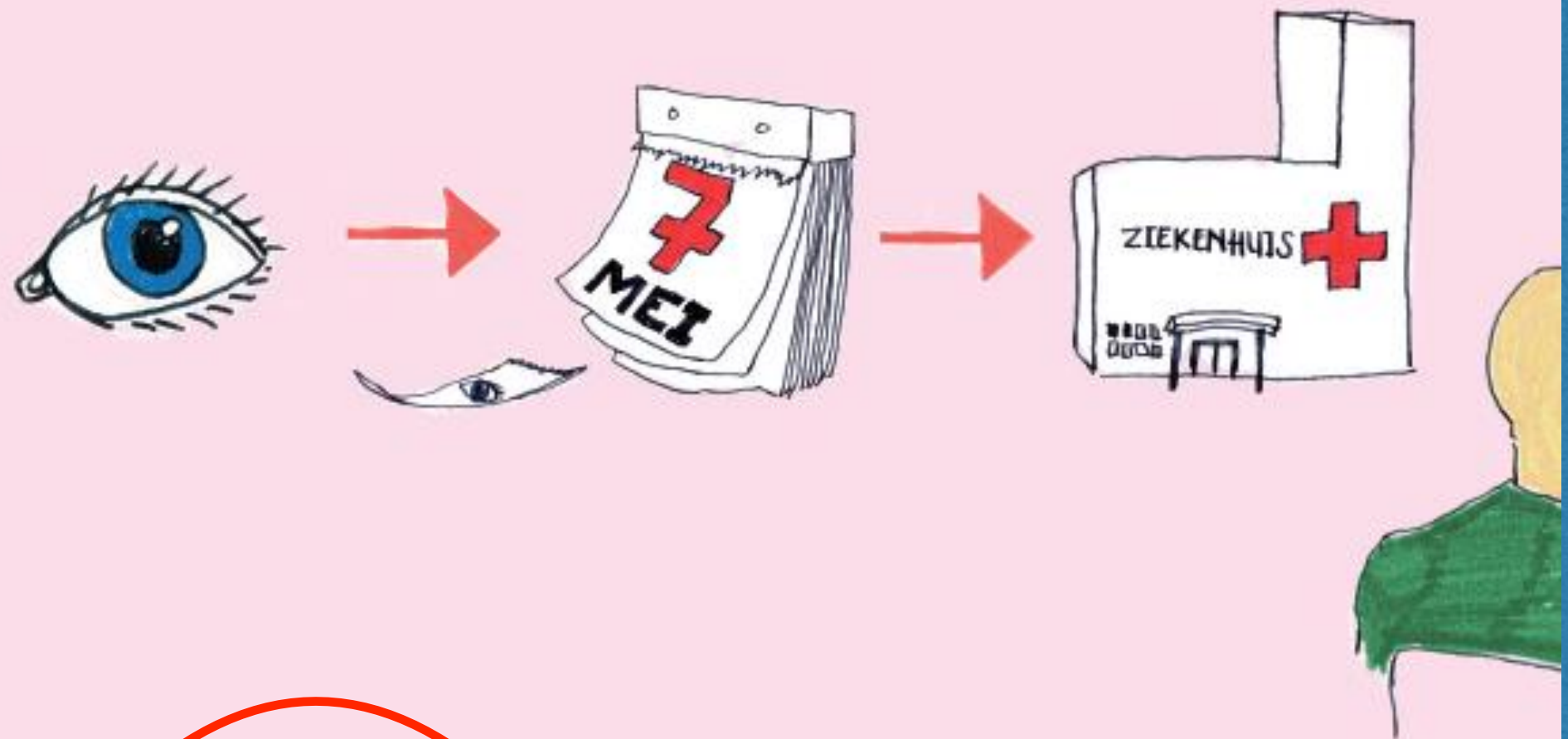


Sommige medicatie moet u stoppen.
De dokter vertelt u welke.



U mag niet zelf naar huis rijden.

2 Voorbereiding operatie



De uroloog zal de tumor weghalen met
een operatie.

U krijgt een afsp
(slaapdokter) or

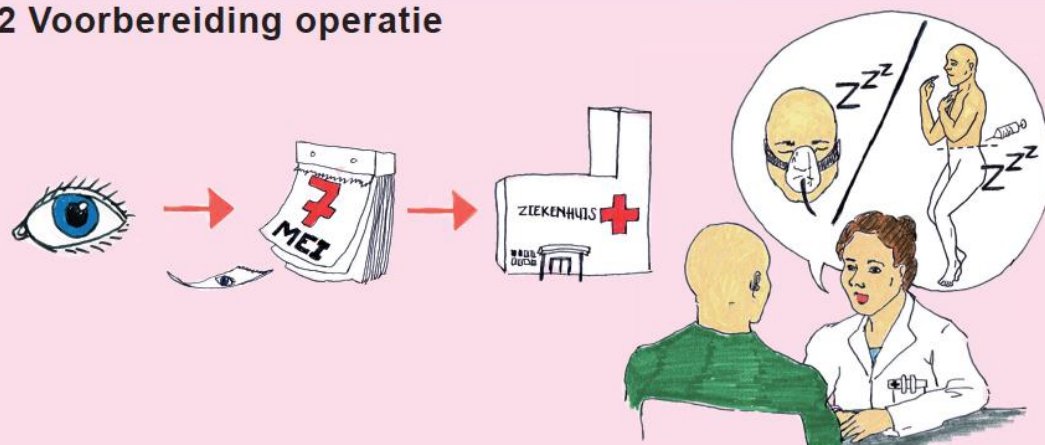
Blaastumor

1 Kijkonderzoek



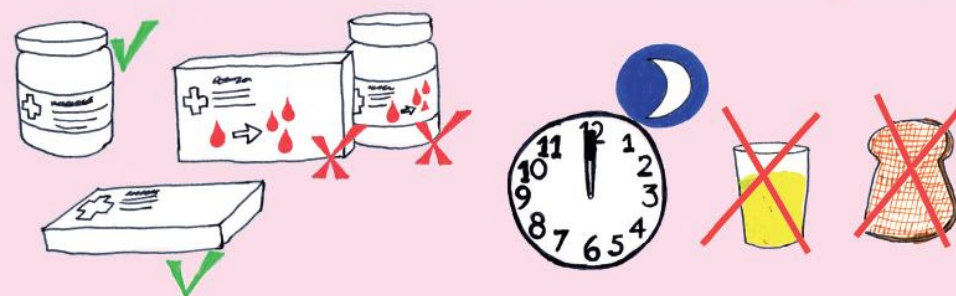
De uroloog heeft in uw blaas gekeken. Daar zag hij een tumor.

2 Voorbereiding operatie



De uroloog zal de tumor weghalen met een operatie.

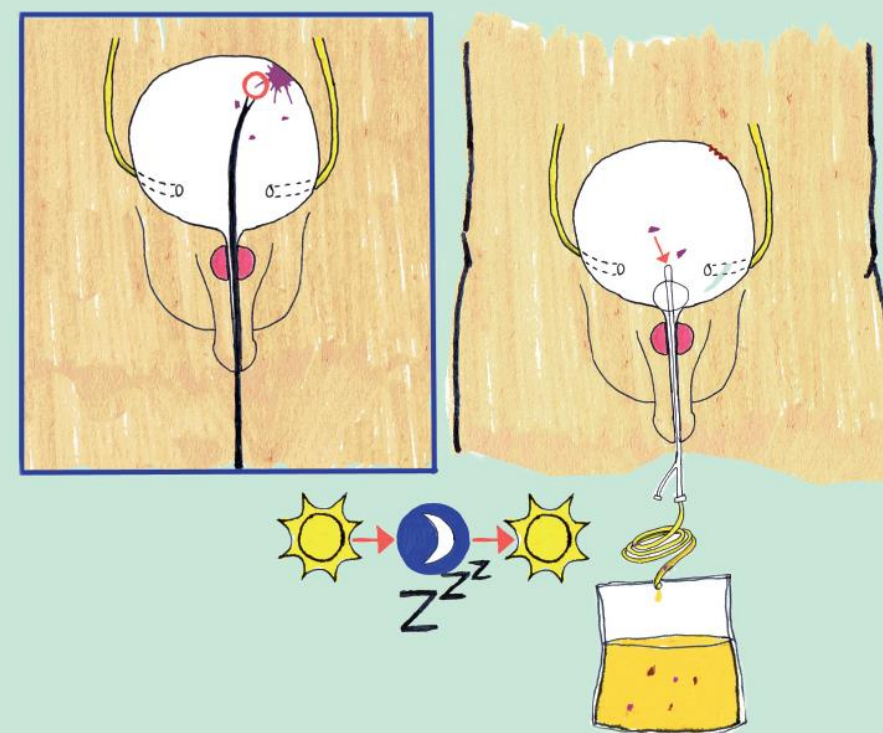
U krijgt een afspraak bij de anesthesist (slaapdokter) om de verdoving te bespreken.



Sommige medicatie moet u stoppen. De dokter vertelt u welke.

Op de dag van de operatie mag u niet eten of drinken.

3 De operatie



Via de plasbuis haalt de uroloog de tumor weg. In de blaas komt een catheter, daardoor loopt de urine weg. U blijft een nacht slapen in het ziekenhuis.

You Tube

Uploads Public



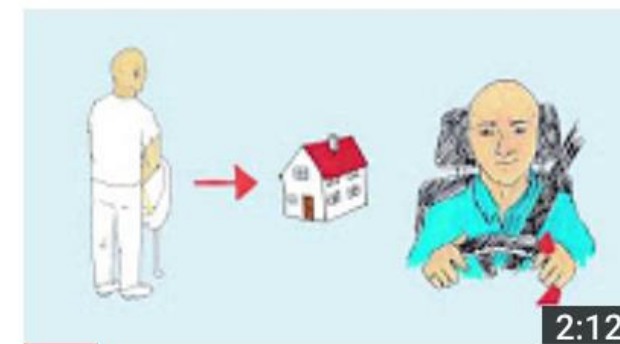
1:36

balkanker



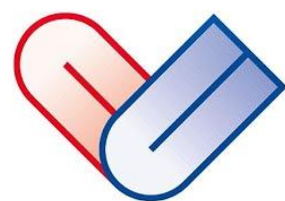
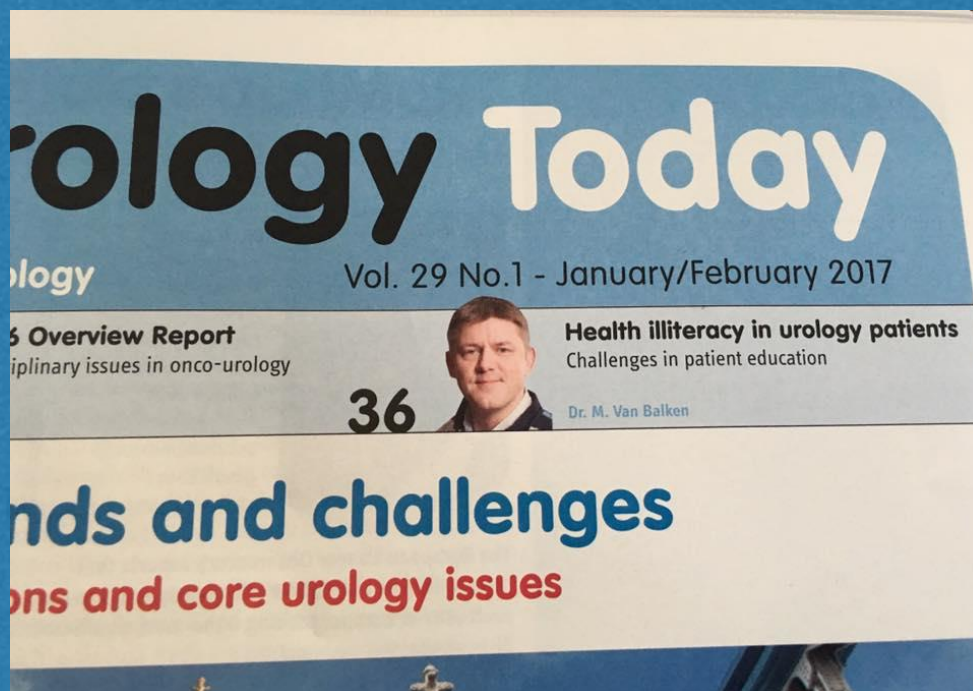
1:36

Blaasspoelingen



2:12

Blaastumor



EAU
European
Association
of Urology

eaun





Be a
Health
Literacy
Hero!