



Costs of the Pap smear test vs. the cost of the Ovulona

From searching on "pap smear costs":

Cost of the Pap = from \$50 through \$200

http://cervicalcancer.about.com/od/screening/f/pap_cost.htm

Mean cost = \$125 \$125 +/- \$75

See also below some examples of significantly higher real-life costs.

Now citing from <http://www.costhelper.com/cost/health/pap-test.html> :

Without health insurance, a conventional Pap test usually costs \$25 to \$40 and a liquid-based Pap test -- brand name ThinPrep -- costs \$45 to \$60. A Medicare patient whose deductible has not been met would pay the full \$75. About 6% of Pap tests show some abnormality that requires follow-up testing. Further testing can include another Pap test, testing for the human papilloma virus (HPV) -- a common sexually transmitted virus, some strains of which can lead to cancer -- or an examination of the vagina with a microscope-like instrument (colposcope) and/or a tissue biopsy.

So, here now follows an estimate of the Pap smear testing expenses to American women.

An individual US woman's Pap smear costs:

20 - 30 yrs old annual screening, 30 - 65 years old screen every 2 - 3years.

10 years annual = \$125 x 10 = \$1,250

Then 35 years every 3 yrs = 36/3 = 12 times \$125 = \$1,500

Total over 45 years = \$1,250 + \$1,500 = \$2,750

Therefore, for US female population:

20 - 30 yrs old annual screening, 30 - 65 every 3 years. Population: 65 million women (taking simply the women of reproductive age whereas overall female population of USA is more than twice that). ~65M = 62,761,234

<http://www.census.gov/ipc/www/idb/worldpop.php> ASSUMING NO POPULATION GROWTH OVER 45 YEARS.

65M x 10 + 65M x 12 = 650M + 780M = 1,430M = ca. 1.5 billion woman-tests over 45 years

Multiplied by assumed mean cost of Pap smear test: \$125 = \$178,750 MILLION = ca. \$179 BILLION => Annually (this/45): 3,972 million =~\$4B per year.



Compare this with the Ovulona device assumed costs (conservative, as we do not assume here a low unit price that would aim at mass-market penetration):

Same assumed population and constant Ovulona price of \$300 (price overstated on purpose).

65M women times \$300 per Ovulona = \$19.5 BILLION = ca. \$20 BILLION
Saving = \$179 BILLION minus \$20 BILLION = \$159 BILLION [89% saving].

Even if we were to assume 4 Ovulona devices per a woman’s lifetime (4 x \$300 = \$1,200), based on hypothetical replacement of Ovulona devices during a woman’s lifespan as follows (this does NOT mean a plan):

First: 20 to 30 years old

Second: 30 to 40 years old

Third: 40 to 50 years old

Fourth: 50 to 60 years and beyond

This would yield the US cost estimate as follows:

65 M women times \$1,200 for 4 Ovulona devices = \$78 BILLION

Saving = \$179 BILLION minus \$78 BILLION = \$101 BILLION [56% saving].

The savings to the insurer-payer(s) are significant, which is quite apart from the superiority of the screening process (which will translate into further savings). The insurers should also appreciate the multi-faceted utility of the Ovulona, which will further save money in women’s healthcare, besides improving the quality of care.

Consideration must also be given to the expectation that the Ovulona cervical screen will be easily accessible to every woman whereas today many women tend to skip the Pap because of not only the cost but also its unpleasantness or pain. (HPV vaccines do not remove the need for cervical cancer screening.)

In most of the world, the Pap smear test is not available to the population, basically because of the costs, unaffordable in many countries.

Here now are two or three examples of comments about the Pap screen costs from individual American women, received and published by the web site <http://www.costhelper.com/cost/health/pap-test.html> .

Outrageous

Amount: \$1,000.00

Posted by: a user in Fairbanks, AK.

Posted: January 25th, 2011 12:01PM

Clinic or Doctor: Tanana Valley Clinic

Insurance Carrier: Blue Cross

I scheduled my normal yearly PAP. I paid my office visit copay of \$25.00. I then received a bill for roughly \$400 for the Dr. Visit fees, I then later received a bill from the Hospital lab for \$400 dollars, and just yesterday I received a bill from the Pathology office charging me another \$200. I had to pay over \$1000 for a basic PAP the physician



was with me for less than 5 min! I don't understand why I can be billed by the physician for taking the sample, the lab for processing the sample and the pathologist for looking at the sample. All which took less than an hour for all three services!!!! Medical is outrageous in Alaska!

I Feel Betrayed!

Amount: \$480.00

Posted by: Nicole M in Saint Augustine, FL.

Posted: February 6th, 2011 08:02PM

Clinic or Doctor: BioReference

Insurance Carrier: None

Type of Policy: None

I am completely appauled by this. When I opened this bill I actually thought I was getting a receipt for the \$40 I had already paid, not ANOTHER \$225 bill! My doctor KNEW I was self-pay, and told me UPFRONT that her fee was \$160 and the lab fee would be FORTY DOLLARS. So I sent in a \$40 check immediately. Now I have a bill for \$225 for lab fees. I have NO idea where my doctor got this "\$40" figure from, because NOTHING on this invoice is even close to \$40. I feel betrayed because my doctor said "I know your self pay and I want to tell you the fees up front so there are no surprises." Guess she didn't think that getting a \$225 bill a month later would be a shock. This is ABSOLUTELY ridiculous. I'm only 20 years old and make \$1,000 a month. How in the world can doctors and labs expect AVERAGE WORKING PEOPLE to pay these bills???

Last but not least, as a possible frame of reference perhaps suggestive of the "real costs" of the Pap smear test, a **special offer** by a clinic in Texas:

Pap smear

Amount: \$89.00

Posted by: Melissa Lewis in Dallas/Houston, TX. **Posted:** May 25th, 2011 12:05PM

Clinic or Doctor: Mi Doctor Clinicas

Insurance Carrier: with or without Medicaid

For the month of June, Mi Doctor Clinicas are supporting the fight against Cervical Cancer are offering the Pap Smear Test + Medical Consultation (self pay) at only \$89.00. With Medicaid at not cost. This are the contact numbers:

Toll free: 1.888.776.5252 Houston: (713) 454-7068

Worldwide extrapolation:

\$2,750 (a woman's Paps over 45 years) x 1,581,337,336 reproductive-age women worldwide = \$4,348,677,674,000 => Annually (this/45): **\$96,637,281,644**

bioZhena Corporation
2908 Killarney Dr, Laporte, Colorado 80535, USA
Vaclav Kirsner, Ph.D., Chairman and CEO
vaclav@biozhena.com
970-484-1272