## Nutritional Tips for the Pregnant Teenager

ABSTRACT A suady done in 2004 indicated that every 41 out of 1000 giris in the United States women found themselves preennant and scared and with no substantitial nutritional advice The goal of my research was to design a viewer firiendly poster that indicated heality and afifordable dietary choices for a pregnant teenager. I collected information and based my recommendations on the research discussed in peer-reviewed literature. Particular nutrition
hazards during pregnancy are explained. Helpitu nutrition tips are provided thet will allow young woman of modest finencial resources to ensurie her own health and the heallth of he baby without breaking her pocketbook.

INTRODUCTION
As many as $40 \%$ of Americas women find themselves pregnant before age 20, Many of
hese teenagers are on their own financially and emotionally (1). Some high schools, like Beloit Memorial ligh School, ofifer nutrition classes for these women (2). However. far to any communities shun these pregnant teens and do not provide them with adeguate knowledge to maintain their nealith and the health of their unborn child. This situation is extremely dangerous because women are physically vulnerable when pregnant. These teenagers can face many heailin probiems if they do not make the proper choices for it is important that they make proper choices for their growing body. If bone structure is not fully developed, they risk injuring their spines and pelvic bones. It is also well know that the irresponsibe benaviors some teens extibit may put inem at risk for sexualiy
transmitted diseases which can be harmiul to them and their babies. They are also at risk for such pregnancy complications as premature labor, anemia, and high blood pressure (3). reegnant teenagers also need to gain the most weight of any pregnancy age group. It (is this and do not gain the proper weight to support them and their baby. Newborns of eenagers risk premature birth, low birth weight, spinal bifida, not fully developed organs, and fetal alconol syndrome. Studies have proven that teenage women are more likely to drink and smoke during pregnancy. A heaithy diet allows pregnant teenagers to avoid most some of these important foods and that $2-3$ weeks of groceries based on this pyramid could e purchased from Cub foods for $\$ 50$ or less.

## METHOD

Peer-reviewed literature was explored to create nutritional recommendations based on scientific evidence. This evidence was then used to desion a food pyramid to organize
of these suggestions. A food pyramid was used because it is an easily recognizable information organizer for viewers to process. I also went to Cub Foosids, as it it a commony
patronized food store in Beloit and compared nices of products that fulfiled nutritional patronized fooc store in Beleit, and compared prices of products that tuifiled nurritional
recommendations presented in the pyramid. As sopping list was then created for a lowbudget expectant teenager.

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2 boxes of cereal (Total brand) $7.52.
Twin pack of 2% milk (Cub bran
One brick of cheese (Cub brand) $3.14
*)
2 loais of whole grrain (read (Brownbery brand) $6.38
FFrozen strawberries (Cub brand)2 for $4.50
Frozen blueberries (Clu
2lbs. of bananas $.98
ish oil vills(Daily Source brand) $2.98
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8 frozen chickens (Cub brand
34 oz, of extra-virgin olive oil (Cub brand) $10.77
*)
Total: $75.96
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Figure 1: Pregnancy Food Pyramid


DISCUSSION
My hypothesis that a food pyramid could be formed for a pregnant the peer-reviewed iounay to organize the information dictated by that my creation needs to be improved on in many ways: however. it is an excellent start. Two to three weeks worth of groceries could not be purchased for $\$ 50$ or less that catered to the nutritional advice of the pyramid. Lexceeded my $\$ 50$ budget by $\$ 15.96$ However, I realized after I created the list that items such as the vitamin C and fish oil supplements and the olive oil would last for over a month. But the excess $\$ 15$ is essential to fulfill all requirements. Many underprivileged teenagers go to McDonald's three or more times a week because they think it is cheaper, more tun and easier than cooking (11). A week's worth of fast food could
cost more than this grocery list. Depending on what one orders it cost more than this grocery list. Depending on what one orders, it could cost $\$ 2$ per meal at McDonald's (12). If you multiply that by and then by 14 , it equals $\$ 84$. This is $\$ 9.96$ more than the Cub Foods grocer list. It is not cheaper to eat McDonald's. It is more prepare, like pasta and frozen vegetables, than to go to fast food restaurants. This poster can help these pregnant teens to realize that it is affordable to eat well. Once this is realized, their health and the health of

