

An\$ibi \$ic S\$e' a"d#hi! P" g"am P" \$ec\$# Pa\$ien\$#: Ba"ne#-Je' i#h H #! i\$al Re&am! # P" g"am

he de elo_ ment of antibioti_rs as a \bullet ea th o_{k} h in _ atient safety. hen antibioti_rs _rame on the s_rene, many tho_k ht that atients s_kffe in _ se io_ks _rom li rations, e en death, f om infertions _ o_kld \bullet e a

(*;,90(0./; (*2

o iate antibioti, se an lead to antibioti, esistan, e, and ina o iate se on o nds the oblem, if s says. na o iate se o_{12} s hen eo le ta e antibioti, s they don't need o fail to follo dosa e instructions, o hen hysicians es ibe the on antibioti.

 i_{f} s e lains se e al ays in high a_{t} te ia b_{f} ome esistant to antibiotige a_{t} te ia form families both in and on li in bodies. ithin each $b_{a_{t}}$ te ia family the e is some di e sity, so hile most of the $b_{a_{t}}$ te ia. ill die hen e osed to an antibiotig, some ill $s_{b_{t}}$ i e. The $s_{b_{t}}$ i in $b_{a_{t}}$ te ia e. $od_{b_{t}}$ e, and thei offs in a e antibiotige esistant.

hen an indi id al doesn't om lete the t eatment of a es, ibed antibioti, some ba te ia may emain in o on his o he body. The emainin ba te ia an lea n ho to e ade the antibioti, the ne t time the indi id al ta es it. ntibioti, - esistant ba te ia an sha e info mation eneti, mate ial. ith othe ba te ia, e en those o tside of thei family. ndi id als. ho de elo. o a y antibioti, - esistant ba te ia an

s_ ead them to othe s.

Th o_{N} h its P_{N} blip ealth ption Plan to Combat ntimip obial esistance, the C C epommends the follo in fo_{N} aptions to add ess the oblemb S_{N} eillance P e ention and pont ol eseach P od Not de eloment

 S_{k} eillan e of antibioti esistan e o ides ea ly a nin of eme in oblems, allo in health of essionals to monito han in attens of esistan e and t in lare e enti e meas, es. P e ention and pont ol is best add essed by $ed_{k_{p}}atin_{}atients$ on the of e sea and limitations of antibiotips and $ens_{k_{1}}$ in that health pa e o ide s ha e the of e $s_{k_{1}}$ ot tools to aid in espiblic antibiotips. esea h pond pted thom how the yeas has pont is ted month to the winde standin of the opess of antibiotip esistance ithin o anisms and otip in the