

Wpkygtu{vgy"Lc i kgmq umk
Collegium Medicum
Y{f|k€"Pcwm"q"\ ftqykw

Janusz Warmus

Qegpc" y {pkm» y "nge | gpkc
k"cpck | c"e | {ppkm» y "tqm q y pke | {ej
w"ejqt{ej" | "rgthqtcelc o k"rt | g€{mw

Praca doktorska

Rtq o qvqt<"ft"jcd0" ogf0"Lctqu€cy "Mw f c€

Rtce "y {mqpcpq" y "Mnpkeg"Ejktwtikk"Mncvmk"Rkgtukqy gl
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Mkgtqypkm<"ft"jcd0" ogf0"Lctqu€cy "Mw f c€

Mtcmy."4234

WYKAZ SKRÓTÓW

ARF " **acute renal failure+*" quvtc" pkg y { f q n p q " p g t g m
ARDS "ó" **acute respiratory distress syndrome+*" | gur»€" quvtgl" pkg y { f q n p q ek" q f f g e j q y g l
ASA "ó" umcnc" C o g t k e c p" U q e k g v { " q h" C p g u v j g u k q n q i k u v u
CI "ó" **confidence interval+*" r t | g f | k c €" w h p q ek
MODS " **multiple organ dysfunction syndrome+*" | gur»€" pkg y { f q n p q ek" y k g n q p c t | f q y g l
NPV "ó" **negative predictive value+*" y c t v q " r t g f { m e { l p c" y { p k m w" w l g o p g i q
OR "ó" **odds ratio*) iloraz szans
POCHP " r t | g y n g m € c" q d v w t c e { l p c" e j q t q d c" r € w e
PPV "ó" **positive predictive value+*" y c t v q " r t g f { m e { l p c" y { p k m w" f q f c v p k g i q
TK "ó" v q o q i t c h k c" m q o r w v g t q y c
P-A "ó" r t q l g m e l c" r t | g f p k q / v { n p c

1. WSTEP

3030" PQVC" JKUVQT [E \ PC

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7+ rtvq | qycpkg.

8+ nge | gpkgrt | cejqycye | g

Zsycie perforacji rt | g{mw. | ycpgrt | rk okgppkevykg | cpikgnumql | {e | p | o | lcmq | *primary closure*. qrkucpq | rqt | rkt | y | { "y" | ncvcej "620" | ZZ | ykgmw]5.6_0 | \ | { ekgl | lguv | pcle | ekgl | uvq / uqycp | o | k | rtggtqycp | { o | urquqd | g | o | qrgtce | { lpg | i | q | nge | gpk | rgt | q | t | celk | } Yctwpmkg | o | umwvge | pgl | p | r | t | c | y | { "wu | mqf | gpk | lguv | fmfc | fp | g | e | { u | e | gpk | o | k | luec | rgt | q | t | celk | } | o | ctv | y | ke | q | } | o | kgpk | q | p | { e | j | vmcp | gm | q | t | c | } | u | { ek | g | rgt | q | t | celk | } | o | qrv | { o | cnpk | g | q | f | f | kgn | pkg | d | f | q | p | { " | nw | q | y | gl | k | o | k | pk | q | y | gl | } | r | t | g | { / mw | } | Y | r | t | { rcf | mw | } | r | p | q | t | q | r | q | p | c | p | g | l | rgt | q | t | celk | } | t | > | f | q | r | g | t | ce | { l | pkg | uv | y | k | g | t | f | c | uk | } | c | c | y | c | p | u | q | y | c | p | o | ctv | y | ke | "k" | q | dt | m | . | eq | w | w | t | w | f | p | k | " | n | w | d | w | p | k | g | o | q | n | k | y | k | c | k | f | g | p | v | { h | k | m | cel | " | y | ctv | y | } | ek | p | { " | r | t | g | { mw | } | Y | vc | / m | ke | j | } | r | t | { rcf | m | ce | j | uv | qu | w | l | g | uk | " | l | g | f | p | q | y | ctv | y | q | y | { " | u | | g | y | } | r | t | g | { mw | } | \ | ck | ph | g | m | q | y | c | p | l | c | o | " | q | r | f | w | e | p | g | l | p | c | n | g | { " | r | t | g | r | f | w | m | c | " | k | q | e | | { ek | " | o | g | e | j | c | p | k | e | | p | k | g | . | c | l | g | n | k | l | g | u | v | v | q | m | q | p | k | e | | p | g | . | p | c | n | g | { " | y | { m | q | p | c | " | f | g | m | q | t | / v | m | cel | " | r | f | w | e | c | l | W | w | r | g | f | p | k | g | p | k | g | o | " | q | r | g | t | celk | l | g | u | v | f | t | g | p | c | " | q | m | q | n | k | e | { " | r | g | t | q | t | celk | * | y | | c | n | g | p | q | ek | q | f | " | o | k | luec | rgt | q | t | celk | } | u | { k | . | t | > | f | r | k | g | t | u | k | " | n | w | d | l | c | o | { " | q | r | f | w | e | p | g | l | + | " | | | c | u | v | q | u | y | c | p | k | g | o | " | f | t | g | } | y | q | f | q | u | v | c | v | g | e | | p | k | g | f | w | gl | t | g | f | p | k | e | * | 54 | 58 | E | j | + | 0 | R | t | g | | e | c | f | { " | q | m | t | g | u | n | g | e | | g | p | k | e | r | c | e | l | g | p | v | r | q | y | k | p | k | g | p | o | k | g | " | y | r | t | q | y | c | f | | q | p | { " | f | q | q | / e | f | m | c | } | i | e | dp | km | q | f | d | c | t | e | | c | l | e | { 0 | D | c | f | c | p | k | g | m | q | p | v | t | c | u | v | q | y | g | } | r | t | g | { mw | } | y | { m | q | p | w | l | g | uk | " | | y | { m | n | g | o | k | g | f | | { " | 90 | c | 320 | f | q | d | " | r | q | r | g | t | celk | }

\ | u | { ek | g | r | k | g | t | y | q | v | p | g | } | y | o | q | e | p | k | q | p | g | uv | qu | w | l | g | uk | " | y | r | t | { rcf | m | ce | j | rgt | q | t | celk | . | y | mv | > | t | e | j | t | { | { m | q | p | k | g | u | e | | g | n | p | q | ek | } | y | " | n | k | p | k | u | | y | > | y | q | e | g | p | k | e | uk | l | cm | q | fw | g | 0 | \ | y | { m | n | g | l | g | u | v | q | p | q | uv | qu | y | c | p | g | } | y | r | t | { rcf | m | ce | j | rgt | q | t | celk | } | t | q | r | q | p | c | p | { e | j | } | r | > | p | q | 0 | F | q | r | q | m | t | { ek | " | n | k | p | k | u | | y | w | uv | qu | w | l | g | uk | " | y | k | n | g | t | q | | o | ck | v | { e | j | vm | cp | gm | 0 | I | t | k | n | q | k | Y | k | n | m | k | p | u | uv | qu | y | c | n | k | r | f | c | v | { " | q | r | f | w | e | p | g | l | . | k | p | p | k | c | w | v | q | t | { " | w | { y | c | n | k | f | q | r | q | m | t | { ek | " | w | u | | { r | w | f | q | y | c | p | g | i | q | r | f | c | v | c | uk | g | e | k | } | y | k | mu | | g | l | . | w | u | | { r | w | f | q | y | c | p | g | i | q | r | f | c | v | c | ok | p | k | ok | f | | { g | d | t | q | y | { e | j | . | r | t | g | r | q | p | { " | n | w | d | w | u | | { r | w | / f | q | y | c | p | g | i | q | r | f | c | v | c | v | f | w | u | e | | w | qu | k | g | t | f | k | q | y | g | i | q | } | 57 | 5 ; | _ | 0 | R | q | p | c | f | v | q | uv | qu | w | l | g | uk | " | t | q | | o | ck | v | g | o | g | v | q | f | { " | h | w | p | f | q | r | n | k | m | cel | } | q | e | f | m | c | } | 62.63_0

Drenaż qrgtce | lp | { . | dg | | u | { ek | r | g | t | q | t | celk | . | l | g | u | v | uv | qu | y | c | p | { " | y | r | t | { rcf | m | ce | j | . | i | f | { " | r | g | t | q | t | celk | v | q | y | c | t | | u | { " | t | q | n | c | p | { " | r | t | q | e | g | u | | c | r | c | n | p | { " | c | p | c | e | k | g | m | w | p | k | g | o | q | n | k | y | k | c | | c | t | > | y | p | q | k | f | g | p | v | { h | k | m | cel | . | l | cm | t | > | y | p | k | g | " | u | e | | g | n | p | g | } | u | { ek | g | r | g | t | q | t | celk | } | V | g | e | j | p | k | m | c | v | c | | p | c | l | f | w | l | g | e | | u | v | g | | c | u | v | q | u | y | c | p | k | g | } | y | n | g | e | | g | p | k | w | r | g | t | q | t | celk | } | u | { lp | { e | j | } | 64_0 | O | q | f | { h | k | m | cel | " | n | g | e | | g | p | k | e | f | t | g | p | c | g | o | l | g | u | v | | u | { ek | g | r | g | t | q | t | celk | } | p | c | f | t | g | p | k | g | s | V | o | q | t | g | f | p | k | e | { " | 8 | 6 | 3 | 2 | o | o | . | eq | | c | r | t | q | r | q | p | q | y | c | n | k | C | d | d | q | v | w | k | } | y | ur | 0 | } | 65_0 | F | t | g | p | c | " | s | V | o | y | { v | y | c | t | c | m | q | p | v | t | q | n | q | y | c | p | } | r | t | g | v | q | m | " | r | t | g | { m | q | y | . | q | f | d | c | t | e | | c | l | e | " | r | t | g | { m | 0 | O | k | w | v | c | p | k | } | y | ur | 0 | } | c | r | t | q | r | q | p | q | y | c | e | } | r | t | { u | { ek | g | f | t | g | p | w | } | y | r | t | { ng | / i | c | p | k | w | f | q | o | k | luec | rgt | q | t | celk | } * | fixed | i | n | t | r | a | t | h | o | r | a | c | i | c | d | r | a | i | n | a | g | e | + . | y | e | g | n | w | | c | r | g | y | p | k | g | p | k | e | um | w | v | g | e | | p | g | i | q | f | t | g | p | c | w | } | y | { rcf | m | w | w | t | | { o | w | l | e | g | i | q | uk | " | r | t | g | e | k | g | m | w | } | 66_0

Resekcja przelyku | p | c | l | f | w | l | g | | c | u | v | q | u | y | c | p | k | g | } | y | n | g | e | | g | p | k | w | r | g | t | q | t | celk | v | q | y | c | t | | u | e | { e | j | k | p | p | o | " | | o | k | e | p | q | o | r | e | v | q | n | q | i | k | e | | p | o | r | t | g | { mw | . | y | u | e | | g | i | } | n | p | q | ek | } | y | r | t | { rcf | m | w | t | cm | c | r | t | g | { mw | } | T | g | u | g | m | e | l | l | g | u | v | v | g | " | r | q | u | v | r | q | y | c | p | k | g | o | " | | y | { d | q | t | w | } | y | t | c | | k | g | t | q | n | g | i | f | g | l | } | o | ctv | y | ke | { " | n | w | d | t | q | r | q | y | k | e | { " | ek | p | { " | r | t | g | { mw | } | 67_0 | Y | { m | q | p | w | l | g | uk | " | | c | t | > | y | p | q | m | n | c | u | { e | p | * | | w | { ek | g | o | v | q | t | c | m | q | v | q | o | k | k | . | l | cm | v | g | " | r | t | g | | t | q | | y | q | t | q | y | t | g | u | g | m | e | l | " | r | t | g | { mw | } | \ | y | q | n | g | p | p | k | e | { " | uv | qu | y | c | p | k | e | t | g | u | g | m | e | l | } | y | r | t | { rcf | m | w | rgt | q | t | celk | } | r | > | p | { e | j | } | y | t | c | e | c | l | w | y | c | i | " | p | c | m | q | t | | { ek | } | y | { p | k | m | c | l | e | g | } | v | c | m | k | g | i | q | r | q | u | v | r | q | y | c | p | k | e | < | n | k | m | y | k | f | c | e | l | " | t | > | f | f | c | r | q | v | p | e | l | c | n | p | g | i | q | l | | c | m | c | g | p | k | e | n | w | d | p | k | g | u | e | | g | n | p | q | ek | k | v | q | y | c | t | | u | e | { e | j | r | e | v | q | n | q | i | k | k | } | r | t | g | { mw | } | q | t | c | } | y | { m | q | p | c | p | k | g | } | g | u | r | q | n | g | p | k | e | r | t | g | { mw | } | y | o | k | luec | w | p | k | g | | c | k | p | h | g | m | q | y | c | p | o | k | f | q | d | t | g | w | m | t | y | k | q | p | { o | 0

Kuvpkl | m | q | p | v | t | q | y | g | t | u | l | g | f | q | v | { e | eg | | c | m | t | g | u | w | t | g | u | g | m | e | l | 0 | O | c | w | j | g | y | u | k | } | y | ur | 0 | } | c | r | t | q | r | q | p | q | y | c | n | k | } | y | { m | q | p | y | c | p | k | g | u | w | d | v | q | v | c | n | p | g | l | t | g | u | g | m | e | l | } | r | t | g | { mw | } | | g | u | r | q | n | g | p | k | g | o | r | t | g | { m | q | y | q | q | e | f | m | q | y | { o | pc | u | | k | 0 | Y | { / m | q | p | c | p | k | g | } | g | u | r | q | n | g | p | k | e | } | y | p | k | g | | c | k | p | h | g | m | q | y | c | p | { o | r | q | n | w | q | r | g | t | ce | { l | p | { o | o | c | } | o | p | k | g | l | u | c | " | t | { | { m | q | p | k | g | u | e | | g | n | / p | q | ek | } | g | u | r | q | n | g | p | k | e | } | 68_0 | \ | " | m | q | n | g | k | C | n | v | q | t | l | c | { " | k | } | y | ur | 0 | } | r | t | g | f | u | v | y | c | n | k | m | q | t | | { u | v | p | g | } | y | { p | k | m | k | t | g | u | g | m | e | l | } | r | k | g | t | u | k | q | y | g | i | q | q | f | e | k | p | m | c | } | r | t | g | { mw | } | | g | u | r | q | n | g | p | k | g | o | y | m | n | c | v | e | g | r | k | g | t | u | k | y | g | l | } | 69_0

Wyłączenie przelyku *exclusion and diversion+ qrgtce | uk | "pc" | v | { e | j | uc | o | { e | j | r | t | g | u | e | c | p | m | ce | j | eq | } | y | r | t | { rcf | m | w | n | g | e | | g | p | k | e | r | g | t | q | t | celk | } | k | p | p | { e | j | q | f | e | k | p | m | } | y | r | t | g | y | q | f | w | r | q | m | c | t | o | q | y | g | i | q | 0 | O | g | v | q | f | c | q | r | k | u | c | p | e | r | t | g | | W | t | u | e | j | g | n | c | k | k | p | p | { e | j | r | q | n | g | i | c | pc | } | u | { ek | w | r | g | t | q | t | celk | } * | q | n | g | v | q | v | g | e | j | p | k | e | | p | k | g | o | q | n | k | y | g | + . | t | q | n | g | i | f | { o | f | t | g | p | c | w | } | t | > | f | r | k | g | t | u | k | . | y | { v | y | q | t | g | p | k | w | r | t | g | v | q | m | k | } | r | t | g | { mw | } | y | q | f | e | k | p | m | w | u | | { l | p | { o | k | } | c | o | m | p | k | ek | w | r | t | g | { mw | } | pc | r | q | | k | q | o | k | g | } | y | r | w | u | v | w | 0 | \ | c | d | k | g | i | f | q | r | g | f | p | k | e | i | c | u | v | t | q | u | v | q | o | k | e | q | f | d | c | t | e | | c | l | e | c | . | mv | > | t | c | r | q | 6 : | i | q | f | | k | p | c | e | j | u | f | w | { "

fq"qf { ykcpkc"}J6:_0"Qt{ ikpcnpe" o gvqfc"y {€ e | gpkc"rt|g€{mw"pctc c"rcelgpc"pc"mqpkge |pq " r q y v » t p g l " q r g t c e l k . " r q p c f v q " r t q y c f | k " o q g " f q " r q y u v c p k c " m u c o c o e l e " y " | c o m p k v { o " q f e k p m w " r t | g € { m w " } J 6 ; _ 0 " K u v p k g l g " u | g t g i " o q f { h k m c e l k " f q v { e | e { e j " | c t » y p q " u r q u d w " | c o { m c p k c " r t | g € { m w . " l c m " t » y p k g " t q f | c l » y " u c o g i q " y { € e | g p k c " r t | g € { m w 0 " C u u g p u " k " y u r 0 " q r k u c n k " o g v q f " l g f p q / " n w d " f y w d k g i w p q y g i q " y { € e | g p k c " r t | g € { m w " r q y { g l " o k g l u e c " r g t h q t c e l k " n w d " p c " u | { k " } 7 2 _ 0 " J q n | k p i g t " k " y u r 0 " r t | g f u v c y k n k " o g v q f " q f e k p m q y g i q " y { € e | g p k c " r t | g € { m w " y " m n c v e g " r k g t u k q y g l " | c " r q o q e " u v c r n g t » y " p c e | { p k q y { e j " | " f t g p c g o " r t q m u { o c n p g i q " q f e k p m c " r t | g € { m w " r t | { " w { e k w " | i € d p k m c " q € f m q y g i q " q t c " | " i c u v t q u v q o k " } 7 3 _ 0 " \ " m q n g k " K { g t " r q f c € " o g v q f " f y w d k g i w p q y g i q . " e | c u q / y g i q " y { € e | g p k c " r t | g € { m w " | " y { m q t | { u v c p k g o " u v c r n g t » y " | " f q u v r w " u | { l p g i q " k " h c r c t q v q o k k " } 7 4 _ 0 " E | c u q y g " y { € e | g p k g " w o q n k y k c " | c i q l g p k g " o k g l u e c " | u | { e k c " r t | g € { m w " y " q f e k p m w " r k g t u k q y { o . " c " y " e k i w " 3 2 6 3 6 " f p k " f q e j q f | k " f q " u c o q k u v p g l " t g m c p c n k | c e l k " r t | g € { m w 0 " O g v q f c " e | c u q y g i q " y { € / e | g p k c " r t | g € { m w " l g u v " u v q u q y c p c " t | c f m q " l c m q " w | w r g € p k c l e c " y " u v q u w p m w " f q " r k g t y q v p g i q " | u | { e k c " o k g l u e c " r g t h q t c e l k . " w " e j q t { e j . " m v » t { e j " u v c p " p k g " r q | y c n c " p c " y { m q p c p k g " y k m u | { e j " q r g t c e l k " n w d " l c m q " o g v q f c " f t w i k g i q " t | w w w " y " y { r c f m w " w v t | { o w l e g l " u k " p k g u | e | g n p q e k " k " t q r q y k e { " } 7 5 _ 0

Y r t q y c f | c p g " f q " y k c v € c " r t | g € { m w " p r o t e z y " p k g t q | r t c n p g " * D c t d k p / O q w u u g c w . " E g n g u v k p . " E q q m + " | p c l f q y c € { " r q e | v m q y q " u r q t c f { e | p g " | c u v q u y c p k g " y " n g e | g p k w " r g t h q t c e l k " r t | g € { m w " } 7 6 . " 7 7 . " 7 8 _ 0 " R q " y r t q y c f | g p k w " r t q v g | " t q | r t c n p { e j " * I k c p v w t e q " \ / u v g p v . " W n v t c h n g z . " R q n { h n g z . + " r q / l c y k € { " u k " n k e | p g " f q p k g u k g p k c " q " u m w v g e | p q e k " v g i q " u r q u d w " n g e | g p k c . " u | e | g i » n p k g " y " i t w r k g " e j q / t { e j . " m v » t | { " | " r q y q f w " y u r » € k u v p k g l e { e j " e k m k e j " e j q t » d " p k g " m y c n k h k m w l " u k " f q " n g e | g p k c " q r g / t c e { l p g i q " } 7 9 . 7 : _ 0

Leczenie zachowawcze " r g t h q t c e l k " r t | g € { m w " r t | g f " g t " c p v { d k q v { m » y " d { € q " | y { m n g " p k g u m w / v g e | p g " } 7 ; _ 0 " Y g f € w i " O k e j g n " k " I t k n n " q d g e p q " q f o { " q r € w e p q y g l . " q v t | g y p q y g l . " n w d " t » f r k g t / u k y g l . " u g r u c . " y u v t | u " k " p k g y { f q n p q " q f f g e j q y c " u v c p q y k " y u m c | c p k g " f q " n g e | g p k c " q r g t c e { l / p g i q " } 4 9 _ 0 " O k o q " d t c m w " k u v q v p { e j " q f u v r u v y " q f " v g l " t g i w € { . " u v q r p k q y q " y | t c u v c " n k e | d c " r t | { r c f / m » y " r g t h q t c e l k " r t | g € { m w " n g e | q p { e j " | c e j q y c y e | q 0 " E c o g t a p " k " y u r 0 " | c r t q r q p q y c n k " p c u v r w l e g " m t { v g t k c " | c e j q y c y e | g i q " n g e | g p k c " r g t h q t c e l k " r t | g € { m w " } 8 2 _ <

- " r g t h q t c e l g " y e | g u p g " n w d " q i t c p k e | q p g " r g t h q t c e l g " r » p g .
- " r g t h q t c e l g " r t | g € { m w " q i t c p k e | q p g " f q " t » f r k g t u k c . " d g | " r g p g v t c e l k " t q f m c " e k g p k w l e g i q " f q " q v c / e | c l e { e j " l c o " e k c € c .
- " l c o c " t q r p k c " y u v g e | p k g " f t g p w l e c " u k " f q " r t | g € { m w . " d g | " r g p g v t c e l k " f q " q r € w e p g l .
- " p k g r t | { l o q y c p k g " r q m c t o w " o k f | { " w t c | g o " r t | g € { m w " c " t q | r q e | e k g o " n g e | g p k c .
- " r g t h q t c e l c " p k g " y { u v r w l g " y " o k g l u e w " i w | c " r t | g € { m w " c p k " r t q m u { o c n p k g " q f " k p p { e j " | y g " r t | g / € { m w " k " p k g " r g p g v t w l g " f q " l c o { " d t | w u | p g l .
- " p k g " y { u v r w l " q i » n p g " q d l c y { " | c m c g p k c " c p k " | c d w t | g p k c " o g v c d q n k e | p g 0

R c e l g p e k " r q f f c p k " n g e | g p k w " | c e j q y c y e | g o w " p k g " o q i " r t | { l o q y c " f q w u v p k g " c f p { e j " r q / m c t o » y " * y " v { o " r € { p » y + " r t | g | " e q " p c l o p k g l " 3 2 " f p k 0 " U v q u w l g " u k " e c € m q y k v g " { y k g p k g " r q | c l g n k / v q y g " c " c p v { d k q v { m k " q " u | g t q m k o " u r g m v t w o " r q f c l g " u k " p k g " m t » e g l " p k " r t | g | " 9 3 6 " f p k 0 " Y { u k m k " q r € w e p q y g " p c n g { " g y c m w q y c " | c " r q o q e " f t g p » y " q r € w e p q y { e j " n w d " f t g p c " w " r t | g | u m » t p g i q " r q f " m q p v t q n " V M 0 " Q f u { u c p k g " v t g e k " q € f m q y g l " r t | g | " u q p f " n w d " f t g p c " u u e q / r € w e | e { " r t | g | " u q p f " w o k g u | e | q p " p c " y { u q m q e k " r g t h q t c e l k " p c n g " f q " f q f c v m q y { e j " g n g o g p v » y " n g e | g p k c " | c / e j q y c y e | g i q " } 7 ; _ 0

D t c m " r q r t c y { " y " e k i w " 4 6 " i q f | k p " v g t c r k k " | c e j q y c y e | g l " u v c p q y k " y u m c | c p k g " f q " n g e | g p k c " q r g t c e { l p g i q " } 8 2 _ 0

2. CEL PRACY

Rgthqtcelc"rt|g{mw"lguv"wu|m|mf|gpkgo."fq"mv>tgiq"fqejqf|k"uvquwpmqyq"t|cfmq0"Pkg"oc"fq/
mfcf{ej"fc{ej"pc"vgocv"e|uvqek"y{uvrqycpk"rgthqtcelc"rt|g{mw"pc"ykgek0"fqurpg"
fqpkgukgpkc"q|cejqtqycnpqek"y"fw{ej"rqrwncelcej"rcejqf| " |"mtcl>y"umcpf{pcyumkej0"
Yur>e|{ppkm}|cejqtqycnpqek"qmtg nqp{"fnc"rqrwncelc"Kuncpfkk"y{pquk"513"222"222ltqm"]85_0"
Rqpkgye"ejqt|{"ek"u"nge|gpk"y"t> p{ej"qff|kfccej"ejktwtikk"qi>npgl."qpmqniqke|pgl"vqtcmq/
ejktwtikk.v{nmq"pkgnke|pg"gurqf{."rtcewl eg"y"fw{ej."urgelcnkuv{e|p{ej"q tqfmcej."ocl "oq /
nkyq "fqmqpcpkc"pcnk|{"fc{ej"y"itwrcej"ejqt{ej"y{uvcte|cl eq"nke|p{ej."cd{"oq pc"d{fq"
uhqto w{qyc "ykct{iqfpg"ypkqumk0"Nke|dc"ejqt{ej"nge|qp{ej"|"rqqyqfw"rgthqtcelc"rt|g{mw"pc"
Qff|kcnge"ejktwtikk"Mncvmk"Rktukqygl"Mtcmyumkigiq"U|rkvcnc"Urgelcnkuv{e|pgiq"ko0"Lcpc"Rcyfc"
KK"lguv"uvquwpmqyq"fw c0"Dkqt e"rqf"wyci ."g"pelyk mu|c"qrwdnkmycpc"pcnk|c"ykgqq tqf/
mqyc"qdgloqycfc"4:8"ejqt{ej"*3;;9 4227"y"Fcpkk+"J86_."ocvgtkcf"mnkpke|p{"|gdtcp{"pc"pc/
u|{"o"qff|kcnge"uvyct|c"oq nkyq "ykct{iqfpgl"qegp{"yr{y"rqu|e|gi>npg{ej"|"okgpp{ej"pc"
y{pkmk"nge|gpkc"ejqt{ej"|"rgthqtcelc"rt|g{mw"|"|cuvquycpkgo"t> p{ej"ogvqf0

Egng o"rtce{"lguv"rt>y pcpkg"umwvge|pq ek"nge|gpkc"rgthqtcelc"rt|g{mw"|"|cuvquycpkgo"
i>y p{ej"ogvqf"qrgtce{lp{ej"<|u|{ekc."ftgpc w"qrgtce{lpqiq."tgugmelc"rt|g{mw."rtqvg|qyc/
pkc"nwd"nge|gpkc"|cejqycye|giq0

Rqpcfvq"|dcfcp{"|quvcpg"yr{y"pc"mq eqy{"y{pkm"nge|gpkc"kpp{ej"e|{ppkm>y."vcmkej"
lcm<tqf|cl"wu|m|mf|gpkc."lgiq"nqmcnk|celc."e|cu"lcmk"wr{p "qf"wu|m|mf|gpkc"fq"tq|rqe| ekc"ng/
e|gpkc."ykgm"rcelgpvc"vcm g"qdgepq "ejqt>d"vqyct|{u|e{ej0

Pc"rqfuvcykg"w|{umcp{ej"y{pkm>y"rqfl vc"|quvcpg"rt>dc"qrtceqycpkc"cnigt{vow"rq/
uvrqycpkc."yk egig"mnkpke|p "ejctcmvgt{uv{m "ejqtgiq"|"qr{ocnp{o"y"lgiq"rt|{rcfmw"
urquqdg o"nge|gpkc0

3. MATERIAŁ I METODA

5030" DCFCPK

Cpcnk|qycp{"ocvgtk€"qdglo wlg"fcpg"yu|{uvmkej"rcelgpv»y"nge|qp{ej|"rqqfw"rgthqtccl"rt|g€{mw"pc"Qff|keng"Ejktwtikk"Mncvmk"Rkgtukygl"Mtcmqyumkig"U|rkvnc"Urgelcnkuv{e|pgiq"ko0"Lpcp"Rcy€c"KK"y"qmtgukg"qf"3"uv{e|pkc"3;;;"fq"53"itwfpkc"422;"tqmw0

5040" OGVQFC

3.2.1. Typ badania

Tgvtqurgmv{ypc"cpnk|c"fc{ej|cyctv{ej"y"fqmwogpvccl"u|rkvncpgl0

3.2.2. Rozpoznanie

50404030" Y{ykc f"kd cfcpcg"hk|{mcnpg

Yu|{ue{"rcelgpek|"rfglt|gpgko"rgthqtccl"rt|g€{mw"d{nk"rt|{loqycpk"pc"Qff|k€"Ejktwtikk" Mncvmk"Rkgtukygl"y"vt{dkg"rkn{ o0"Rqfe|cu"rt|{l ekc"wuvncpq"yuv rpg"tq|rq|pcpk"rgthqc/ elk"rt|g€{mw"qrktcl e"uk "pc"y{ykc f|kg"qtc|"fquvcte|qpgl"fqmwogpvccl"ogf{e|pgl0"Qfpqvq/ y{ycpq"pcuv rwl eg"fcpg<

" qmqnke|pq ek"y{uv rkgpkc"wtc|w.

" tqf|cl"y{mqp{ycpgiq"|cdkiw.

" e|cu"lcmk"wr€{p €"qf"wtc|w.

" yur»€kuvpkl eg"|okp{"rcvqnqike|pg"rt|g€{mw"*|y gpkc"rq|crcnpg"nwd"pqyqv yqtqyg+.

" ejqtqd{"yur»€kuvpkl eg"*ugtec."wm€cfw"qffgejygiq."ewmt|{e{"pkgy{fqnpq ek"pgtgm" k"ppg+.

" fqnginkyq ek"d»nqyg"|nqmcnk|qycpg"pc"u|{k."y"mncveg"rkgtukygl"nwd"pcfdt|wu|w.

" |yk |gm"d»nw|"rq€{mcpko0

Rqfe|cu"dcfcpc"hk|{mcnpgiq"qegpkcpq"pcuv rwl eg"egej{<

" tq|gfo c"rqfum»tpc.

" vgo rgtevwtc.

" e|{ppq "ugtec.

" knq "qffgej»y0

50404040" Dcfcpc"qdtc|qyg

Rt|gin fqy{"tcfkqitc o"mncvmk"rkgtukygl"y"rtqlgmel"v{npq/dqe|pgl"d{€"rqfuvcyqy{ o"dcfc/ pkg o"tcfkqnqike|p{ o0"\c"qdlcy{"uwigtwl eg"rgthqtccl "w|pcycpq"qdgepq <

" qf o { " t>frkgtukqygl.
" tq|gf o {"rqfum»tpgl.
" qf o {"qr#wepqygl.
" r#{"pw"y"lcokg"qr#wepgl.
" rqu|gt|gpkc"ekgpkc" t>frkgtukc0
Pkg"d{#{"y {mqp{ycpq"twv{pqyq"rt|g ykgvngpkc"rt|g#{"mw"}"w {ekg o" tqfmc"ekgpkwl eg iq"
cpk"vq o qi tchkk"mq o rwwgtqygl"*|g"y | in fw"dcm"ec#qfqdqy gi q" f { wtw"urgelcnkuv {"tcfkqnqic+0

50404050" Dcfcpkg"gp f qumqrqy g

Rqfuvcyqy { o"dcfcpkg o" fkc ipquv{e|p{ o"d{#c"gp f qumqrkc0"Dcfcpkg"y {mqp{ycpq"twv{pqyq"
y" |pkge|wngpkw"qi»np{ o"nwd"cpnciqugfcelk." |g"y | in fw"pc"vqyct|{u| eg"uknpg"fqnginkyq ek"
d»nqyg0"Yg"ye|g pklgl| { o"qmtgukg"rtghgtqy cpc"d{#c"u|v{ypc"g|qhc iqumqrkc." |cyu|g"y {mq/
p{ycpc"y" |pkge|wngpkw"qi»np{ o."rq"3; ;7"tqmw"y {okgppkg"uvquycpq"g|qhc iqhkdgtqumqrk 0"
Kuvqvp " |cngv "dcfcpkc"u|v{yp{ o"g|qhc iqumqr g o"lguv"fqdtg"wykfqe|pkgpkg"okgluec"rgthqt/
elk"dg|"mqpkge|pq ek"uvquycpkc"kpwhncelk."eq" | o pklgl|c"t| {mq"pctcuvcpkc"qf o {" t>frkgtukc0"
Qegpc"gp f qumqrqy c"rgthqtcelk"u#w {#c"pkg"v{nmq"fq"rqvykgtf |gpkc"qdgepq ek"rgthqtcelk."cng"
t»ypkg "fq"qegp{"tq|ngi#q ek"wu|m qf|gpkc."i# dqmq ek"rgpgvtcelk"fq" t>frkgtukc" k"uvqrpkc"pc/
ukngpkc" |okcp" |crcnp{ej0

Kuvqvp" |pce|gpkg"okc#f qm#cfp{"rqokct"qfngi#q ek"rgthqtcelk"qf"nkpkk"ukgmce|{0"W o q nk/
yk#c"qp"wuvncpgk"rq|kq o w"rgthqtcelk<"pc"u|{k."y"mncveg"rktukqy gl"nwd"qfekpmw"dt|wu|p{o0"\c"
rgthqtcelg"u|{lpg" w|pcycpq"vg."y"mv»t{ej"qfngi#q "qf"nkpkk"ukgmce|{"y {pquk#c"3563:"e o."rkg/
ukqyg<"fq"rq|kq o w"5765:"e o."c"dt|wu|pg<"rqpcf"5:662"e o0

50404060" Mt{vgtkc"tq|rq|pcpkc

Tq|rq|pcpkc"rgthqtcelk"rt|g#{"mw"wuvncpq"pc"rqfuvcykg"fqfcvpgiq"y {ykcfw"rqvykgtf|cl eg iq"
y {uv rkgpkg"urt|{lcl e{ej"qmqnke|pq ek<"y {mqppcg"dcfcpkc"gp f qumqrqy g"rt|gyqfw"rqmct o q/
ygiq."uc o qwu|m qf|gpkc."d»n"y" t>frkgtukw"nwd"pcfdt|wu|w"rqrt|gf|qp{"y {okqvcok."grk|qf{"
rq#mpk ekc"ek#c"qde{ej"nwd"wtc|{"y"nqmcnk|celk"cpvcvokel|pgl"rt|g#{"mw0"Y {uv rkgpkg"y {tc pg/
iq" |yk |mw"rt|{e|{pqyq/umwvmqy gi q" |g" |i#cu|cp{o k"fqnginkyq ekcok."qdgepq ek "tq|gf o {"
t>frkgtukc."fqfcvpk o"y {pkmkg o"dcfc "tcfkqnqike|p{ej" k"gp f qumqrqy {ej"rq|ycnc#q"wuvnc"
tq|rq|pcpkc"rgthqtcelk0"\c"mt{vgtkc"y {uvcte|cl eg"fq"wuvncpgk"tq|rq|pcpkc" w|pcycpq<

" qdgepq "tq|gf o {"rqfum»tpgl.
" wykfqe|pkgpkg"rgthqtcelk"rqfe|cu"dcfcpkc"gp f qumqrqy gi q.
" rt|gfquvcy cpgk"uk " tqfmc"ekgpkwl eg iq"rq|c" ykcv#q"rt|g#{"mw"rqfe|cu"dcfcpkc"tcfkqnqike|/
pgiq"*"q"knng"dcfcpkg"d{#q"y {mqp{ycpg+0

3.2.3. Kwalifikacja do leczenia operacyjnego bądź zachowawczego i wstępne postępowanie

Fq"nge|gpkc"qrgtce{lpgiq"mycnkhkmqycpq"yu|{uvmkej"ejqt{ej."pkg|cng pkg"qf"e|cuw"lcmk"wr#{/
p #qf"wu|m qf|gpkc."urg#pkcl e{ej"lgfgp|"pcuv rwl e{ej"yctwpm»y<
" rqu|gt|gpkg" t>frkgtukc"nwd"qdgepq "r#{"pw"y"lcokg"qr#wepgl.
" fqfcvpk"y {pkm"dcfcpkc"mqpvtcuvqy gi q"rt|gyqfw"rqmct o qy gi q.
" rgthqtcelc"rqvykgtf|qpc"dcfcpkg o"gp f qumqrqy {o.
" qdgepq " |cmnkpqycpgiq"ek#c"qdegiq.

" rgthqtcelc"rqy { gl" | y gpkc"rt|gē{mw.
 " qdlcy { "qi»npq<"iqt e|mc."fwu|pq . "vcej {mctfkc0
 Nge|gpkq"cejqycye|g"y ftc cpq"wrce|gpv»y."w"mv»t{ej"uvykgtf|cpq<
 " qdgepq "lgf{pkg"tq|gfo { "rqfum»tpgl"nwd"pkg|pce|pgl"qfo { " t»frkgtukqygl.
 " dtecm"qdlcy»y"d»nqy {ej.
 " dtecm"qdlcy»y"qi»np{ej<"iqt e|mk."fwu|pq ek."vcej {mctfkk.
 " dtecm"gykfgpv{ej"egej"rgthqtcelk"y"dcfcpkw"gpqumqrqy { o "nwd"v{nmq"pkgykgnmkg"wu|mq/
 f|gpkq0
 Rq" |cm ycnkhkmqy cpkw"rce|gpv"fq"nge|gpkc"qrgtce{lpqi"q"endq" |cejqycye|gi"q"y {mqp{/
 ycpq"rqfuvyqyg"dcfcpkc"dkqejgoke|pg<
 " oqthqnik "mtyk.
 " wmfef"mt|grpk ekc.
 " uv gpkc"gnmvtqkv»y"y"quqe|w.
 " uv gpkc"dkcēmc"kcndw okp.
 " dcfcpkc"qegpkcl eg"rctcogvt{"pgtmqyg"k"y {fqnpq "y vtqd{.
 " dcfcpkq"qi»npq"oqe|w.
 " q|pce|gpkq"itwr { "mtyk0
 Tq|rqe { {pcpq"cpv{dkqv{mqvgtcrk "rtgrctvcok"q"u|gtqmk o"urgmvtwo" f|kēfcpkc"k"y ftc c/
 pq"rtqhkncmv {m "rt|geky |cmt|grqy " *jgrct{p "y"fcymcej"htcmelqpqycp{ej"nwd"ftqdpqe| /
 uvge|mqy +0
 Rce|gpv»y"mycnkhkmqy cp{ej"fq"nge|gpkc"qrgtce{lpqi"q"mqpuwvnycpq"|"f{ wtp{ o"cpguvg/
 |lqni"ki"o"kwuvcncpq"vgtokp"qrgtcelk0"Lg gnk"pkg" |ckuvpkcē { "rt|geky yumc|cpkc"fq" |cdkgiw."qrg/
 tcel "rt|grtqycf|cpq"y"vt{dkg"rkn{ o0"Lg gnk"rce|gpv"y { o"ciē"wr|gfpkqi"rt| {iqvqycpkc."
 fq"e|cuw"qrgtcelk"d{ē"wo"kgu|e|cp{ "y"ucnk"kpvgpu { ypgl"vgtcrkk0
 Rce|gpv»y"mycnkhkmqy cp{ej"fq"nge|gpkc" |cejqycye|gi"q"wo"kgu|e|cpq"y"ucnk"kpvgpu { y/
 pgl"vgtcrkk."k"y ftc cpq"qfrqykgfpgk"rtqegfwt { "qrkucpg"y"rwpmekg"50407070+0

3.2.4. Ogólne zasady leczenia

Tqf|cl"nge|gpkc" |cng cē"qf"qdgepq ek"nwd"dtcmw" |y g "y"okgluew"nwd"rqy { gl"rgthqtcelk"rt|g/
 €{mw"qtc|"uvcpw"qi»npqi"q"rce|gpv"0" Yu| {umvkg"rqpk u|g"rtqegfwt{"nge|pke|g"y ftc cpq"pkg|c/
 ng pkg"qf"e|cuw"vtycpkc"rgthqtcelk0
 Rt| {l vq"pcuv rwl eg" |cucf {"nge|gpkc<
 " rce|gpkc"dg|"vqyct| {u| e{ej"kuvqv{ej" |y g "rt|gē{mw"d{nk"mycnkhkmqy cpk"fq" |u| {ekc"rgt/
 hqtcelk."rq" t»fqrgtce{lp{ o" |nqmcnk|qycpkw"okgluec"rgthqtcelk"r"qv"ykgtf |gpkw"vgejpkc|pgl"
 y {mqpcnpq ek" |cdkgiw=
 " ftgpc "qrgtce{lp{"uvquqycpq"y"y {rcfmw."if{" t»fqrgtce{lpkg"pkg"wfēq"uk " |kfgpv{hkmq/
 yc "okgluec"rgthqtcelk=
 " tgugmel "rt|gē{mw"y {mqp{ycpq"y"y {rcfmw"kuvqv{ej" |y g "rt|gē{mw."rqvgelcnpkg"tgugm/
 e{lpqi"q"pqyqv"yqtw."tq|ngiēgl"tqrqyke {"nwd"octvyke {" ekcp {"rt|gē{mw=
 " rtqvg|qycpkq"rt|gē{mw"uvquqycpq"y"y {rcfmw"vqyct| {u| e{ej" |y g "w"ejqt{ej"qdek q/
 p{ej" |pce|p{ o"t| {mkg o" |yk |cp{ o" | "qrgtcel " *pkgy {fqnpq "pct| fqyc"nwd"pkgqrgtc/
 e{lp {"pqyqv"y»t"rt|gē{mw+=
 " nge|gpkq" |cejqycye|g"y ftc cpq"w"ejqt{ej" | "okpkocnp{ ok"rgthqtcelcok."dg|"vqyct| {u| /
 e{ej"qdlcy»y"qi»np{ej0

3.2.5. Opis poszczególnych metod leczenia

50407030" \u| {ekg"rgthqtcelk

Fquv r"qrgtce{lp{d{f'w|cng pkqp{"qf"rq|kqow"rgthqtcelk"qtc|"qdgepq ek"|crcngpkc" t>frkgtukc0
Y"rt|{rcfmw"rgthqtcelk"|nqmcnk|qycpgl"pc"u|{k."uvquqycpq"ek ekg"u|{lpg"mqfpgt|qyg
*Mqejgtc+"nwd"ek ekg"umq pg"y|f'w "rt|gfpkgi q"dt|giw"ok pkc"oquvmqyq/qdqle|{mqyq/uwv/
mqygiq0

Rgthqtcelc"u|{lpgiq"qfekpmc"rt|g{mw|"vqyct|{u|e{o"pcekgmkgo"y" t>frkgtukw"nwd"qdge/
pq ek "|uvrwl egig"|crcngpkc" t>frkgtukc."y{o"ocicfc"tq|u|gt|gpkc"|cmtguw"qrgtcelk0"Qrt>e|"
twv{pqygiq"|cqrvt|gpkc"rgthqtcelk"|fquv rw"u|{lpgiq."y{mqp{ycpq"rtcyquvtqpp "vqtcmqvq/
ok "y"egnw"qe|{u|e|gpkc"k"ftgpc w" t>frkgtukc0

Rgthqtcel "rkgtkygiq"qfekpmc"rt|g{mw|"cqrvt{ycpq|"fquv rw"rt|g|"vqtcmqvqok "*"y{/
mng"vqtcmqvqok "v{npq/dqe|p "pcf"XK" gdtgo+0"Y"rt|{rcfmw"rgthqtcelk"pcfyrwuvqygiq"qf/
ekpmc"rt|g{mw"uvquqycpq"ngyquvtqpp "vqtcmqvqok "v{npq/dqe|p "pcf"XKK"nwd"XKKK" gdtgo"nwd"
vqtcmqncrctqvqok 0"Y"rt|{rcfmw"rgthqtcelk"fq"yqnpgl"lc{o{"qvt|gy pgl"y{mqp{ycpq}|u|{ekg"
|"fquv rw"rt|g|"ncrctqvqok 0

Rq"fqvctekw"fq"rt|g{mw"nqmcnk|qycpq"okglueg"rgthqtcelk."uwuycpq"octvyke|q|"okgpkqpg"
k"|cmc qpg"vmcpmk."|u|{ycpq"rgthqtcel "k"uvquqycpq"qfrqykgfpk"ftgpc 0"Kfgpv{hkmcel "rt|g{f/
mw"wfcvycf"q"wr|gfpkg"yrtqycf|gpkc"fq"lgiq" ykcvfc"|ie dpkmc"rqf"mqpvtn "gpqumqrqy 0"
Y|{pce|gpkc"okglueg"rgthqtcelk"wfcvycf"q"pkmgkf{"rqfcpkg"pkgykgmkgk"knq ek"rqykgvt|c"rt|g|"
|ie dpkm"yrtqycf|qp{"fq"rt|g{mw."rq"ynepkw"fq"rqnc"qrgtce{lpgiq"2.; ' "tq|vyqtw"PeEn"*uqnk"
hk|lqnqike|pgl+0"Okglueg"rgthqtcelk"|u|{ycpq"fywycvuyqyq<"qff|kgnpkc"dfqp "nw|qy "k"yct/
uvy "ok pkqy 0"Lg nk"pcekgm"y" ekcpkg"rt|g{mw"wpkg"oq nk"ykc"kfpgv{hkmcel "lgiq"yctuyy."uvq/
uqycpq"u|y|{lfpqyctuyyqygl"Y"qmqnke{"rgthqtcelk"wokgu|e|cpq"ftgp"pc"u|{k"ftgp"tgfapc."
c"fq"mncvmk"rkgtkygl"yrtqycf|cpq"ftgp{"q" tgfpkc{"54658"Ej0"Lo "qr'ewepgl"rt|gr'ewmkyc/
pq"uqn "hk|lqnqike|p 0

W"e| ek"rcelgpv>y"y"egnw"wpkmpk ekc"tghnmuw"rt|g{mqygiq"y"vtcmekg"|cdkigw"qrgtce{l/
pgiq"y{mqpcpq"qf'cvmqyq"ncrctqvqok "k"icvvtquvqok ="w"pkgmv>t{ej"ejqt{ej"y{mqpcpq"ic/
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" yuvt|{o"cpkw"fqwuvpgl"rqfc {"rqmct"o»y"krf{p»y"rt|g|"9632"fpk.
" rtqycf|gpkw"ecfmqykvgiq" {ykgpkc"rq|clgnkvqygiq.
" |cngpgpkw"y {rnwycpk" nkp{"|"lc"o {"wuvpgl.
" gycmwqycpkw"vtg ek" qf fmqygl"rt|g|"|ie dpkm.
" rqfcpkw"kpjkdkvqt»y"rq"o"r {"rtqvqpqygl.
" vgtcrkk"cpv{dkqv{mc"ok"q"u|gtqmk"o"urgmvtw"o"fk|kfcpkc.
" oqpkvqtqycpkw"hwpmelk" {ekqy{ej"y"tc"o"cej"ucnk"Kpvgpu{ypgl"Vgtcrkk0

5060" CPCNK\C"UVCV [UV [E \ PC

3.4.1 Oceniane zmienne

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\okgppg"ejctcmvgt{|wl eg"rcelgpvc<
" tqf|cl"wu|m|qf|gpkc.
" lgiq"nqmcnk|celc.
" e|cu."lcnk"wr{p f"qf"wu|m|qf|gpkc"fq"tq|rqe| ekc"nge|gpkc.
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" uvcp"qi»np{"y"umcnk"Cogtkecp"Uqekgv{"qh"Cpguvjgukqni {"*CUC+.
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3.4.2 Metody analizy statystycznej

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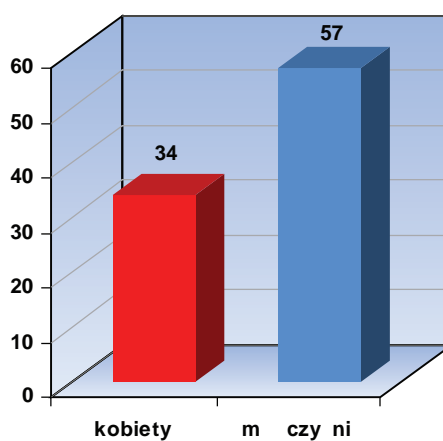
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4. WYNIKI

6030" E J CTCMVGT [UV [MC"DCFCPGL" I TWR [

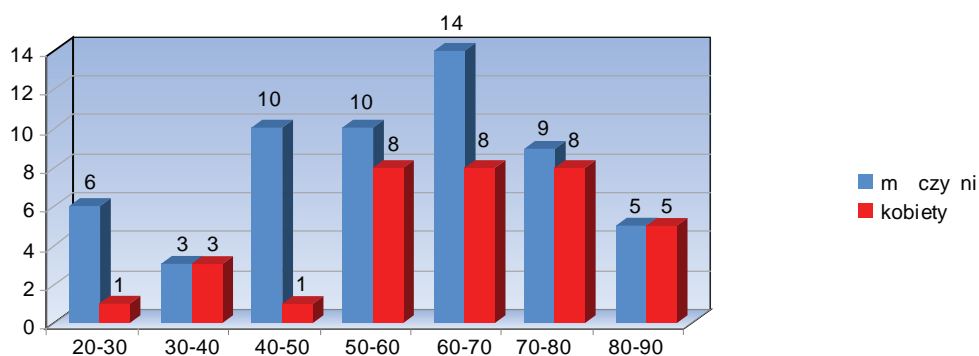
4.1.1. Dane demograficzne

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 Y"vgl"i twrkgd{fc"79"o e|{p"56"mqdkgv{"*qfrqykgfpkq<85 ' "k"49 ' ."t{e0"3+0



Ryc. 1. Ręgn "rcelgp»y

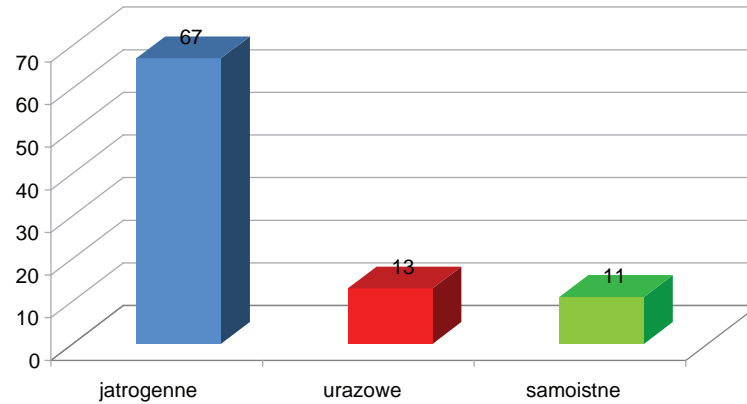
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 ykgmw"y {pkqufc"83"ncv+0"Tq|mfcf"ykgmqy {"nge|qp{ej"rcelgp»y"rt|gfuvcykppq"pc"t{ekpkg"40



Ryc. 2. Tq|mfcf"ykgmqy {"nge|qp{ej"ejqt{ej

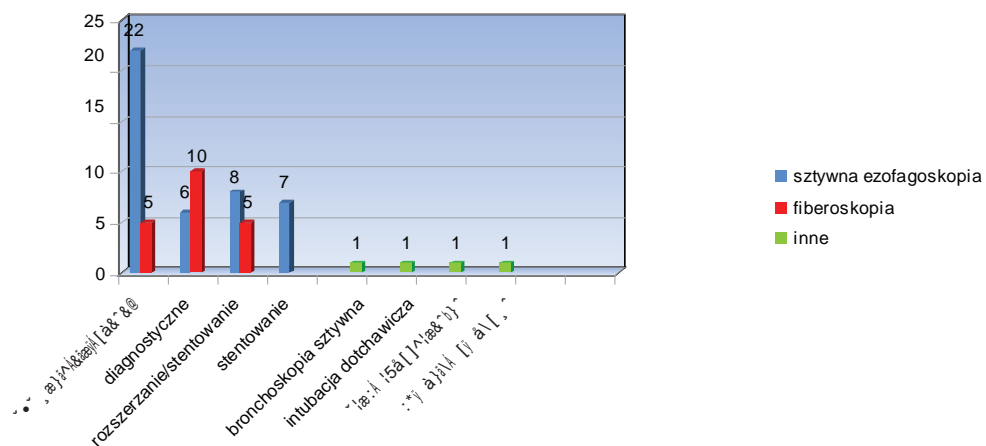
4.1.2. Etiologia perforacji przelyku

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 " rgthqtcelg"lvtqi gppg"*89"rcelgpv»y="96 ' +.
 " rgthqtcelg"uc o qkuvpg"*33"rcelgpv»y="34 ' +.
 " wtc| {"pkglvtqi gppg"*35"rcelgpv»y="36 ' +0
 Tqf|clg"rgthqtcelk"rt|gfuvcykqpq"pc"t{ekpkg"50



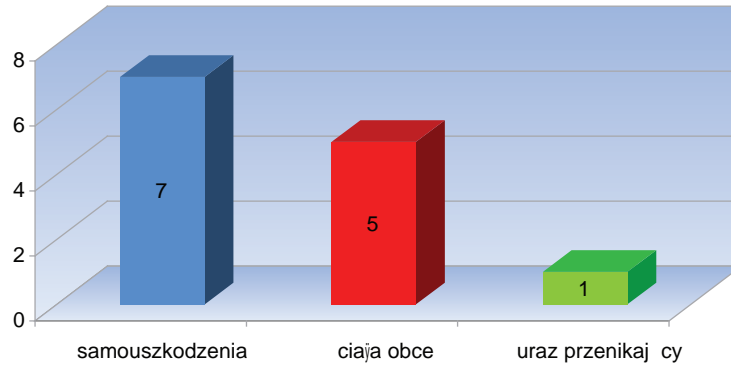
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 pkc" |cdki »y"gp f qumqrqy {ej<
 " g|qhc i qumqrkg"|"wuw y cpkg o "ekē"qde {ej"*49"rcelgpv»y +.
 " g|qhc i qumqrkg|i cuvtqumqrkg"fkci pquv {e|pg"*38"rcelgpv»y +.
 " g|qhc i qumqrkg|i cuvtqumqrkg"|"tq|u|gt|cpkg o" |y g "*35"rcelgpv»y +.
 " rtqvg|qy cpkg" |y g "rt|gē{mw"*9"rcelgpv»y +.
 " dtqpej qumqrkc"u|v{ y pc"*3"rcelgpv+0
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 " wu|m qf|gpgk" t»fqr g tce{lp g"*3"rcelgpv+.
 " kpvdcelc"fqvejcyke|c"*3rcelgpv+.
 " yrtqycf|cpkg" |iē dpkmc" qē fmqygiq"*3"rcelgpv+0
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Ryc. 4. Rt| {e| {p{"rgthqtcelk"lvtqi gpp{ej

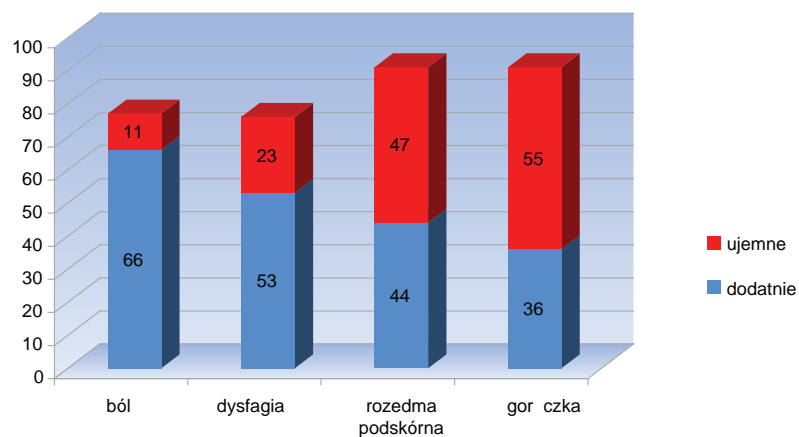
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 Fq"wtc|»y"pkglcvtqi gpp{ej"*rgthqtcelk"wtc|qy {ej+."mv»tg"uv ykgtf|qpq"w"35"ejqt{ej."|c/
 nke|qpq"uc o qwu|m qf|gpkc."rt| {rcfmqy g"rgthqtcelg"ekcéc ok"qde{ ok"kwtc| { "rt|gpkmc| eg"*rq/
 uvt|cé+0
 \ guvc ykpgk"rt| {e| {p"rgthqtcelk"wtc|qy {ej"rt|gfuv ykqpq"pc"t{ekpkg"70



Ryc. 5. Rt|{e|{p"rgthqtcelk"wtc|qy {ej

4.1.3. Wyjściowy obraz kliniczny

Fqng inky q ek"d»nqyg" |i fcu|céq"88"ejqt{ej."33"pkg"rqfcycéq"vcmkcj"fqng inky q ek."y"rt| {rcf/
 mw"rq|quvcé{ej"35"pkg"rt|grtqycf|cpq"y {ykcfw"*ejqt| {"ek"d{nk"rt|gmc|cpk"|"kpp{ej"q tqfm»y"
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 t{ej"*6: "+"c"iqte|m "ó"w"58"ejqt{ej"*62 "+="rq|quvcnk"ejqt| {"pkg"iqte|m qycnk"d f "y {uv /
 r qycé{"w"pkcj"uvcp{"rqfiqt e|m qyg0
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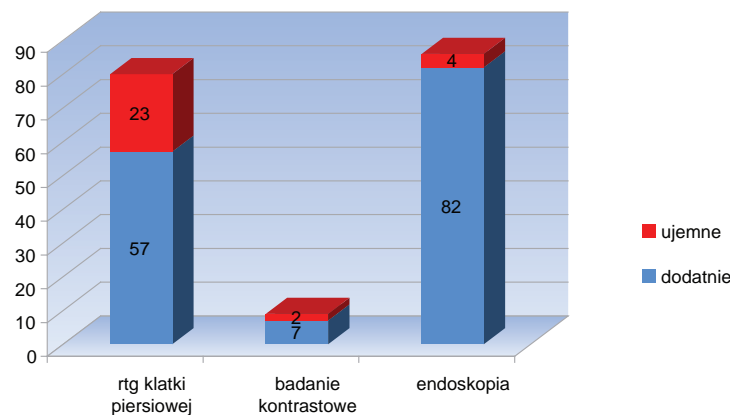
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 ekg o" tqfmc"ekgpkwl egiq"tq|rwu|e|cnpgiq"y"yqf|kg"uvquycpq"y"ncvcej3; ; ;5."y"r» pkgl/

u | { o "qmtgukg" | tg | { i p q y c p q | " v g i q d c f c p k c " p e " t | g e | " g p f q u m q r k k 0 " D c f c p k g " m q p v t c u v q y g " r t | g y q f w " r q m c t o q y g i q " y { m q p c p q " w " ; " e j q t { e j " * 3 2 ' + . " r q v y k g t f | g p k g " t q | r q | p c p k c " w | { u m c p q " y " 9 " r t | { / r c f m c e j . " c " y { p k m " p g i c v { y p { " y " r q | q u v c f { e j " 4 0

D c f c p k g " g p f q u m q r q y g " y { m q p c p q " w " : 8 " r c e l g p v » y " * ; 7 ' + 0 " W " : 4 " e j q t { e j " r q v y k g t f | q p q " q d g e p q " r g t h q t c e l k " * ; 7 ' + " c " y " 6 " r t | { r c f m c e j " y { p k m " d c f c p k c " d { € " w l g o p { 0 " R q t » y p c p k g " q d w " o g / v q f " f k c i p q u v { e | p { e j " * d c f c p k c " m q p v t c u v q y g i q " k " i c u v t q u m q r k k + " v g u v g o " e j k / m y c f t c v " y { m c | c f q " k e j " l g f p c m q y " u m w v g e | p q " * r " ? " 2.75464 + 0 " E | w f q " d c f c p k c " g p f q u m q r q y g i q " y { p k q u c " 2 . ; 5 : " * ; 7 ' " r t | g f | k c f " w h p q " e k "] c o n f i d e n c e i n t e r v a l " 6 " E K < " 2 . ; 2 7 6 2 . ; : 4 + . " u y q k u v q " 2.327 " * ; 7 ' " E K < " 2.23 ; 6 2.439 + . " y c t v q " r t g f { m e { l p c " y { p k m w " f q f c v p k g i q " * p o s i t i v e p r e d i c t i v e v a l u e " 6 " R R X + " 6 " 2.952 " * ; 7 ' " E K < " 2.92662.986 + . " y c t v q " r t g f { m e { l p c " y { p k m w " w l g o p g i q " * n e g a t i v e p r e d i c t i v e v a l u e " 6 " P R X + " 6 " 2.622 " * ; 7 ' " E K < " 2.29662 . : 4 6 + 0

Y { p k m k " | d k q t e | g " d c f c " q d t c | q y { e j " k " g p f q u m q r q y { e j " y { m q p c p { e j " r t | { " r t | { 1 e k w " r t | g f / u v c y k c " t { e k p c " 9 0



Ryc. 7. Y { p k m k " d c f c " q d t c | q y { e j " k " g p f q u m q r q y { e j " y { m q p c p { e j " r t | { " r t | { 1 e k w

E | c u " l c m k " w r f { p " € " q f " o q o g p v w " r g t h q t c e l k " f q " t q | r q e | e k c " n g e | g p k c " y c j c f " u k " q f " m k n m w " o k / p w v " f q " 4 5 " f p k 0 " F n c " e g n » y " f c n u | g l " c p c n k | { " r q f | k g n q p q " e j q t { e j " p c " f y k g " i t w r { < " i t w r c " K " 6 " r g t h q t c e l g " y e | g u p g " * f q " 4 6 " i q f | k p + = " y " v g l " i t w r k g " d { € q " 7 3 " e j q t { e j " * 7 8 ' + . " i t w r c " K K " 6 " r g t h q t c e l g " r » p g " * r q p c f " 4 6 " i q f | k p + = " y " v g l " i t w r k g " d { € q " 6 2 " e j q t { e j " * 6 6 ' + 0

F n c " e g n » y " f c n u | g l " c p c n k | { " c t d k v t c n p k g " y { t » p k q p q " 5 " r q | k q o { " r g t h q t c e l k < " u | { l p { . " r k g t u k q y { " k " d t | w u | p { 0 " F q " r g t h q t c e l k " u | { l p { e j " | c n k e | q p q " v g . " m v » t g " o q i f { " d { " | c q r c v t | q p g " | " f q u v " r w " u | { l / p g i q 0 " F q " r g t h q t c e l k " r k g t u k q y { e j " | c n k e | q p q " | " m q n g k " v g . " m v » t g " f q " | c q r c v t | g p k c " y { o c i c f { " y { m q / p c p k c " v q t c m q v q o k k 0 " F q " r g t h q t c e l k " d t | w u | p { e j " | c n k e | q p q " r g t h q t c e l g " | n q m c n k | q y c p g " r q p k " g l " r q / | k q o w " r t | g r q p { . " y { o c i c l " e g " n c r c t q v q o k k 0

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\ g u v c y k g p k g " n q m c n k | c e l k " r g t h q t c e l k " r t | g f u v c y k q p q " p c " t { e k p k g " : 0

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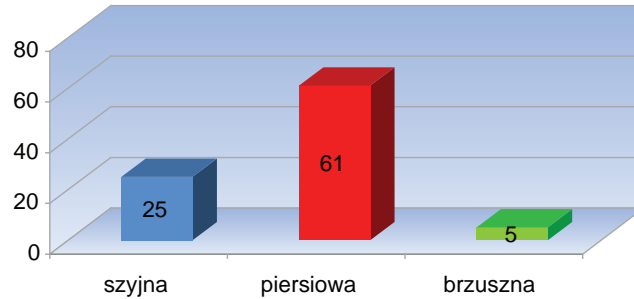
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" i t w r c " 4 " 6 " r c e l g p v " | " p k g | d { v " p c u k n q p " e j q t q d " w m f c f q y .

" i t w r c " 5 " 6 " r c e l g p v " | " e k " m " e j q t q d " w m f c f q y . " m v » t c " q i t c p k e | c " l g i q " y { f q n p q " n w d " c m v { y / p q .

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Ryc. 8. Nqmcnk|celc"rgthqtcelk

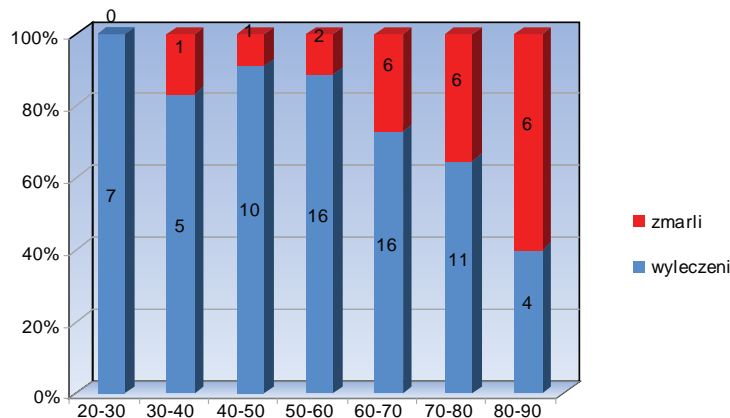
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 " ykgmw"k"rfeek.
 " y{l ekqygiq"uvcpw"qi>npqig"ygfwi"umcnk"CUC.
 " nqmcnk|celc"rgthqtcelk.
 " rt|{e|{p{.
 " e|cuw"qf"wu|m|qf|gpkc.
 " ejqt>d"vqyct|{u| e{ej.
 " urquqdw"nge|gpkc.
 " pcle| uvu|{ej"rqykmfc .
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4.2.1. Wyniki w zależności od wieku i płci

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 *r"?2.8424+0



Ryc. 9. Wykres przedstawiający liczbę pacjentów wyleczonych i zmarłych w zależności od grupy wiekowej.

4.2.2. Wyniki w zależności od wyjściowego stanu ogólnego wg skali ASA

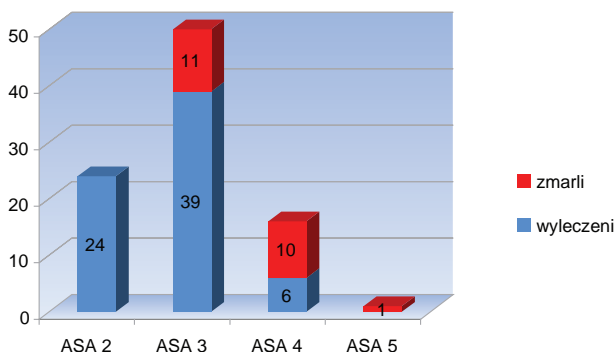
Uwzględniono liczbę pacjentów wyleczonych i zmarłych w zależności od wyjściowego stanu ogólnego wg skali ASA. Wyniki przedstawiono w tabeli poniżej.

Stan ogólny (ASA)	wyleczeni	zmarli
ASA 2	24	0
ASA 3	39	11
ASA 4	6	10
ASA 5	0	1

Wyniki w zależności od wyjściowego stanu ogólnego wg skali ASA. Wyniki przedstawiono w tabeli poniżej.

Stan ogólny (ASA)	wyleczeni	zmarli
ASA 2	24	0
ASA 3	39	11
ASA 4	6	10
ASA 5	0	1

Wykres przedstawia liczbę pacjentów wyleczonych i zmarłych w zależności od wyjściowego stanu ogólnego wg skali ASA.



Ryc. 10. Wykres przedstawiający liczbę pacjentów wyleczonych i zmarłych w zależności od wyjściowego stanu ogólnego wg skali ASA.

4.2.3. Wyniki w zależności od lokalizacji perforacji

60405030" Rgthqtcelg"y"qfekpmw"u|{lp{ o

Rgthqtcelg"rt|g{mw"y"qfekpmw"u|{lp{o"uykgtf|ppq"w"47"rcelgpv»y"*4: ' "qi»ew"ejqt{ej+0" W"35"ejqt{ej"*74 ' +y{mqpcpq|u|{ekg"rgthqtcelk."w"9"*4: ' +|cuvquycpq"ftgpc "qrgtce{lp{. c"7"*42 ' +nge|ppq"|cejqycye|q0"Y"vgl"itwrgk"|octfq"6"ejqt{ej"*38 ' +0

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\ "rqyqfw"rgthqtcelk"y"rktukqy { o"qfekpmw"rt|g{mw"nge|ppq"83"ejqt{ej"*89 ' "qi»ew+0

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u {ekg"	48"*79 ' +ejqt{ej"	iqp{<" 6"*37 ' +
ftgpc "	" ;"*42 ' +"	" 4"*44 ' +
tgugmelc"	33"*46 ' +"	" 8"*77 ' +
cejqycye q"	33"*3: ' +"	" 5"*49 ' +
rtqvg qycpkg"	" 6"*9 ' +"	" 3"*47 ' +

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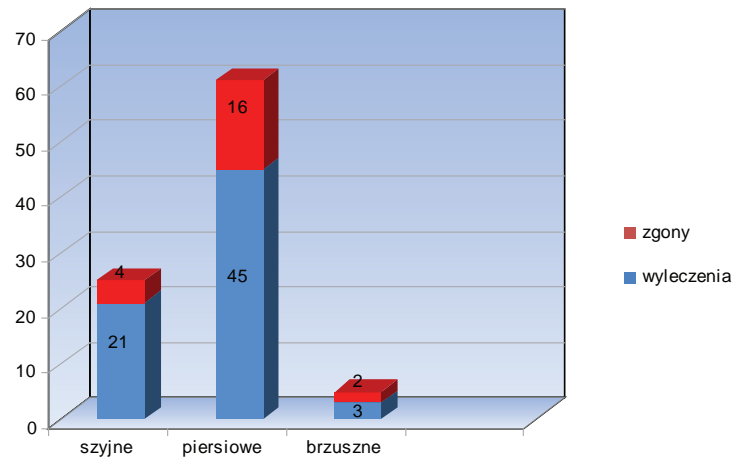
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60405050" Rgthqtcelg"y"qfekpmw"dt|wu|p{ o

\ "rqyqfw"rgthqtcelk"y"dt|wu|p{o"qfekpmw"rt|g{mw"nge|ppq"7"ejqt{ej."y"y|{umkej"qrgtce{1/ pkg0"Y{mqpcpq"4"qrgtcelg" |u|{ekc"rgthqtcelk"5"tgugmelg"rt|g{mw."y"v{o"3"|"lgfpqe|cuqy " qrgtcel "y{vy»te| 0"Y"qdw"rt|{rcfmcej"nge|qp{ej" |u|{ekgo"w|{umcpq"y{nge|gpkc."rq"tgugm/ elk"rt|g{mw"fykg"ejqtg"*89 ' +|octf{<"lgfpc"|"rqyqfw"pkgy{fqnpq ek"ykgnpct|fqygl."lgf/ pc"|"rqyqfw"|cvqtw"v vpkc{"rfevpgl0" okgtvgnpq "y{pkqufc"62 ' 0

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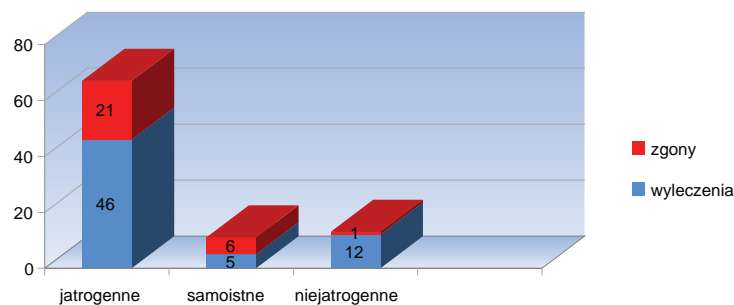
Pclngru|g"y{pkmk"nge|gpkc"w|{umcpq"y"rt|{rcfmw"rgthqtcelk"y"qfekpmw"u|{lp{o"* okgtvgnpq " y{pkqufc"38 ' +c"pcliqtu|g"o"y"dt|wu|p{o"*62 ' " okgtvgnpq +0" okgtvgnpq "y"rt|{rcfmw"rgt/ hqtcelk"y"qfekpmw"rktukqy { o"y{pkqufc"48 ' 0"\c"rqoqe "cpcnk|{"tgitgulk"nqikuv|epgl"uykgt/ f|ppq." g"nqmcnk|celc"wu|mqf|gpkc"pkg"lguv"kuqvvp{o"e|{ppkmko"rtqipquv{e|p{o"*r"?2.7357+0" \dkqte|g"y{pkmk"rt|gfuvycpq"pc"t{ekpkg"330



Ryc. 11. Wyniki w zależności od przyczyny perforacji

4.2.4. Wyniki w zależności od przyczyny perforacji

Wyniki w zależności od przyczyny perforacji. Wyniki leczenia i zgonów w zależności od przyczyny perforacji. Wyniki leczenia i zgonów w zależności od przyczyny perforacji.

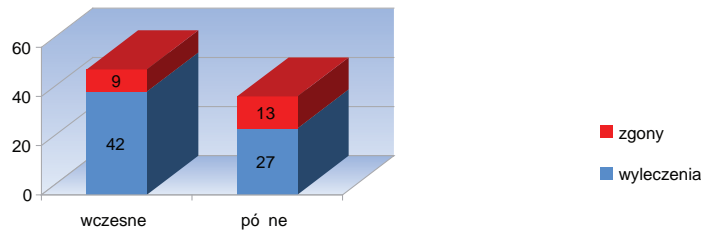


Ryc. 12. Wyniki w zależności od czasu uszkodzenia do rozpoczęcia leczenia

4.2.5. Wyniki w zależności od czasu uszkodzenia do rozpoczęcia leczenia

Wyniki w zależności od czasu uszkodzenia do rozpoczęcia leczenia. Wyniki leczenia i zgonów w zależności od czasu uszkodzenia do rozpoczęcia leczenia.

okgtvgnpq "y"v{ej"fy»ej"itwrcej"y {pkqufc"qfrqykgfpkq"3: ' "*,;"|iqp»y+k"55 ' "35"|iq/ p»y+0"T» pkec"vc."lcmmqnykgm"pkg ocn"fywmtqvpq."pkg"quk ip €c"rq|kqow"kuqvvpq ek"uvv{uv{e|/ pgl"r"?"2.32:4+0"Y {pkmk"rt|gfuvyqppq"pc"t{ekpkq"350



Ryc. 13. Y {pkmk"y" |cng pq ek"qf"e|cuw"qf"wu|mqf |gpkc

4.2.6. Wyniki w zależności od chorób towarzyszących

W"63"rcelgpv»y"|"rgthqtcelcok"rt|g€{mw"*66 ' "ejqt{ej+"uvykgtf|qpq"y"uwokg"6:"kuvvp{ej" yur»€kuvpkl e{ej"ejqt»d"quvt{ej"nwd"rt|gyngm€{ej"0"D{€{"vq<

- " pkgqrgtce{lp{"pqyqv y»t" 34
- " ejqtqd{"ugtec<"rt|gd{v{"|cyc€"ugtec.
- " pkgy{fqnpq "mt gpkc."mcfkqokqrcvkc.
- " ejqtqdc"pkgfqmt ykgppc"ugtec" 9
- " ejqtqd{"pgwtqni ke|pg<"rcfce|mc.
- " pkgfyqy€cf"rqfyqyke|{"uejk|qhtgpkc.
- " |gur»€"ru{ejqqt icpke|p{" 7
- " rt|gd{vc"ejqtqdc"pqyqv yqtqyc" 6
- " quvtg"nwd"rt|gyngm€g" |crcngpkg"vt|wuvmk" 6
- " ejqtqdc"cmqjqnqyc" 5
- " ejqtqdc"yt|qfqyc" q€ fmc"nwd"fywpcuvpke{" 5
- " rt|gyngm€c"pkgy{fqnpq "qffgejqyc" 5
- " ewmt|{ec" 4
- " rt|gyngm€c"pkgy{fqnpq "pgtgm" 4
- " fpc"oqe|cpqyc" 3
- " pkgfqe|{ppq "vcte|{e{" 3
- " |crcngpkg"ft»i" »€eky{ej" 3

Rqpcfvq"3"rcelgpvmc"d{€c"y"rkgt yu|{o"vt{oguvt|g"ek {0

Fywpcuvw" |oct€{ej"ejqt{ej"*74 ' " |oct€{ej+d{€q"qdek qp{ej"yur»€kuvpkl e{ok"uejq/ t|gpkcok"0"Pcle|uvu| "ejqtqd "vqyct|{u|e"|"yk|cp"|"g"okgtvgnpq ek "d{€"pkgqrgtce{lp{"pq/ yqv y»t"*:"ejqt{ej+"qtc|"rt|gyngm€g"ejqtqd{"wm€cfw"mt gpkc."qffgejqygiq"p"pgtgm"y"hqto kg/ k|qnqycpgl"nwd"mqodkppqycpgl"*5"ejqt{ej+0"W"lgfpgiq"rcelgpvc."mv»t{"pcuv rpkg" |oct€. "uvykgf/ f|qpq"vqyct|{u| eg"quvtg" |crcngpkg"vt|wuvmk0

\c"rqoqe "cpcnk|{"tgi tgulk"nqikuv{e|pgl"pkg"uvykgtf|qpq."cd{"ejqtqd{"yur»€kuvpkl eg"uvv/ pqyk€{"kuvvp{e|{ppkm"tmqy pke|{"*r"?"2.29:3+0

4.2.7. Wyniki w zależności od sposobu leczenia

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60409030" \u|{ekg"rgthqtcelk

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60409040" Ftgpc "qrgtce{lp{

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Pcle| uvu| { o"uvykgtf|cp{ o"rqykmfcpgk o"d{€"OQFU."tq|rq|pcp{ "w"7"rcelgpv»y"*58 ' +0

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pkc"3"y"y {pkmw" |cvqtw"r{wepgiq0

60409060" Rtvq|qycpkg

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ye|gup{ o"qmtgukg"rq"wu|m qf|gpkw0"Yu| {ue{ "ek"ejqt| { "okgnk"|y gpkc"rt|g{mw."|"e|giq"5"q"gvkq/
nqikk"pqyqv yqtqygl0"Y"lgfp{ o"rt| {rcfmw"rtvq|qycpkg"rt|g{mw" w|wrgfpkppq"y kfgqvqtcumqumq/
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60409070" Nge|gpkg"|cejqycye|g

Nge|gpkg"|cejqycye|g" |cuvquycpq"w"38"ejqt{ej0"Ukgfokw"|"pkej"okfcq"|y gpkc"rt|g{mw"
*66 ' +."|"e|giq"4"pqyqv yqtqygl0"Rghtqcel "y"qfekpmw"u| {lp{ o"rt|g{mw"uvykgtf|qpq"w"7"ejq/
t{ej"cw"rq|quvc{ej"33"ó"y"qfekpmw"rktukqy { o0"W"4"ejqt{ej" |cuvquycpq"fqfvcmqyq"ftgpc "
lc o{ "qr{wepgl"pc"ye|gup{ o"gvcrkg"nge|gpkc" c"fcnu| {ej"5"y {ocicf"ftgpc w"qr{wepgl"y"vgt/
okpkg"r» pkglu| { o0

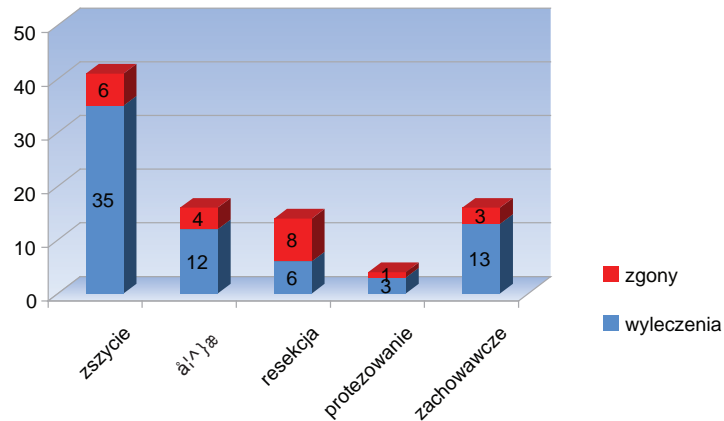
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f|qpq"1 "w"5"rcelgpv»y"*3; ' +."rqpcfvq"w"3"ejqtgiq"y {uv rkfc"pkgy {fqnpq "mt gpkc"kw"3"pkg/
y {fqnpq "qffgejqyc0

\ octf{q"5"ejqt{ej"*3; ' + "ó"yu| {ue{ " |"rqyqfw"OQFU0

60409080" Rqfuwoqycpkg"y {pkm»y"nge|gpkc"y"i twrcej"y {qft dpkqp{ej"pc"rqfuvcykg"
|cuvquycpgiq"rqv rqycpkc

Qfugvmk" |iqp»y"y"i twrcej"y {qft dpkqp{ej" |g"y |in fw"pc" |cuvquycpg"nge|gpkg" |gdtcpq"pc"
t{ekpkg"360"Pcl o pkglu| " okgtvgnpq "uvykgtf|qpq"y"i twrkg"ejqt{ej"nge|qp{ej" |u| {ekg o"rgt/
hqtcelk"*37 ' + "qtc|nge|qp{ej" |cejqycye|q"*3; ' +."pcl yk mu| "y"i twrkg"ejqt{ej"rqfcp{ej"
tgugmelk"rt|g{mw"*79 ' +0" Y {pkmk"ftgpc w"ejktwtike|pgiq" k"rtvq|qycpkc"rt|g{mw"d{€{ "kfgp/
v{e|pg"* okgtvgnpq <"47 ' +0" \c"rq o qe "cpcnk| { "tgitgulk"nqikuv{e|pgl"uvykgtf|qpq." g" okgt/
vgnpq "y"i twrkg"ejqt{ej"nge|qp{ej" |c"rq o qe "tgugmelk"y"rq»y pcpkw" |g" |u| {ekg o"rghtqc/
elk"d{€c"uvcv{uv{e|pg" kuvqvpkg"y k mu|c"*r"?2.2264+."QT"ó"9.9: "*" ; 7 ' "EK<"3. ; 6653.36+0"Rq|quvc/
€g" o gvqf{ "nge|gpkc"y"qfpgkugpkw"fq" |u| {ekc"rghtqcelk"pkg"y {mc| {y c€{ "kuvqvp{ej"uvcv{uv{e|/

pkg"t» pke"y|cmtgukg" okgvgnpq ek0"FnC"|cdkgi»y"ftgpc qy {ej"yctvq "r"y {pkqufc"2.584."fnc" rtqvg|qy cpkc"ó"2.7;4."c"fnc"nge|gpkc"|cejqycye|giq" "2.9250



Ryc. 14. Qfugvmk|i qp»y"y"itwrcej"y {qft dpkqp{ej"y|in fw"pc|cuvquycpg"nge|gpkc

4.2.8. Wyniki w zależności od najczęstszych powikłań

Y"vtcmekg"nge|gpkc"uvykgtf|qpq"pcuv rwl eg"rqykmfcpkc<

" pkgu e gnpq "rt g{mw"	54"rt {rcfmk.
" OQFU"	44
" tqrpkcm"qr{wepgl"	" 8
" pkgy {fqnpq "qffgejqyc"	" 8
" pkgy {fqnpq "mt gpkc"	" 8
" mtycykpgk"fq"rt gyqfw"rqmct oqygiq"	" 7
" cmc gpkc"okgluec"qrgtqycpgiq"	" 6
" okiqvcpkg"rt gfukqpm»y"	" 5
" crengpkg"rfwe"	" 5
" rt gvtycfc"tqrqykec" t»frkgtukc"	" 5
" pkgy {fqnpq "y vtqd{"	" 4
" quvt "pkgy {fqnpq "pgtgm"*acute renal failure"ó"CTH+"	" 4
" ru{ejq c"tgcmv{ ypc"	" 4
" cdwt gpkc" ykcfq oq ek"	" 3
" cvqt"v vpke{"rfwepgl"	" 3
" pcfek pkgpkc"v vpke g"	" 3
" wfct"o» f mw"	" 3

W"54"ejqt{ej"y {uv rk{q"lgfpq|"y { okgpkqp{ej."w"38"ejqt{ej"ó"fy c."w";"ó"vt| {"k"w"3"rc/ elgpvc"ó"e|vgt{"rqykmfcpkc0

Pcle| uvu| { o"tqf|clgo"rqykmfc "y {uv rwl e{ej"y"vtcmekg"nge|gpkc"d{fc"pkgu|e|gnpq " qtc|"OQFU0

Pkgu|e|gnpq "tq|r|pcpq"y"54"rt| {rcfmcj.e| {nk"w"57 " "rcelgpv»y0" Y"itwrkg|"pkg/ u|e|gnpq ek "| oct{q".:ejqt{ej"*47 ' +0

Y"itwrkg"ejqt{ej."w"mv»t{ej"pkg"uvykgtf|cpq"pkgu|e|gnpq ek"*7;"rt| {rcfm»y+"| oct/ {q"36"*46 ' +0"lgfpcmqyc" okgtvgnpq "y"qdw"itwrcej"yumc|wlg." g"pkgu|e|gnpq "pkg"d{fc" y"v{ o"rt| {rcfmw"e| {ppkmgko"fge{fwl e{ o"q"rt|g {ekw"*r"?2.9; ;2+0" \gur»{pkgy {fqnpq ek" ykgnqpt| fqygl"tq|r|pcpq"w"44"rcelgpv»y"*46 ' "yu| {umkej"rcelgpv»y+"k"y"vgl"rqfi twrkq" 3:"*:4 ' +ejqt{ej"| oct{q0"OQFU"d{fc"pelyc pkglu| { o"k"pcli tq pkglu| { o"rqykmfcpkgo"rgthq/ tcelk"*r"?2.222223+"| "QT"?434.39"EK"?*54.39="35; ;.44+0

Rq|quvcfg"rt|{rcfmk"|iqp»y"d{€{"pcuv ruvygo<
 " pkg y {fqnpq ek"mt gpkc" 4
 " quvtgl"pkg y {fqnpq ek"pgtgm" 3
 " |cvqtw"v vpke{"rêwepgl" 3
 Rq|quvcfg"y {okgpkqpg"rqykmfcpkc"pkg"d{€{"w|pcpg"|c"rt|{e|{p " |iqp»y0

4.2.9. Czas hospitalizacji

Fêwiq "jqurkvcnk|celk"y {mc|{ycfc"|pce|p "tq|rk vq "k"ycjcfc"uk "qf"8"fq"367"fpk0" tgfpkc"
 y {pkqufc"52"fpk"*ogfkcpc"46"fpk+0"Pclffw u|c"jqurkvcnk|celc"ó"367"fpk"okfc"okglueg"w"ejqtgl."
 w"mv>tgl"y"pcuv ruvykg"rgthqtcelk"fq|€q"fq"rqyucpkc"rt|gvqmk"rt|g€{mqyq/um>tpgl"pc"u|{k0"
 Rcelgpvmc"rt|gd{€c"mqnglp "qrgtcel " |cu|{ekc"rgthqtcelk"r"q"y {nge|gpkw"|quvcfc"y {rkucpc"fq"
 fq o w0" tgfpk"e|cu"rqd{vw|ct>ypq"ejqt{ej"y {nge|qp{ej."lcm"k| o ctf{ej"d{€"rqfqdp{"k"y {/
 pk»u€"qf rqykgfpkq"52"k"53"fpk0

Ejqt|{"|"rgthqtcelc ok"lvtqigppc{ok"ejctcmvgt{|qycnk"uk "pclffw u|{o" tgfpk o"rqd{vgo"
 y"u|rkvcnw"57"fpk+." tgfpk"e|cu"jqurkvcnk|celk"y"rt|{rcfmw"rgthqtcelk"uc o qkuvp{ej"kw"tc|qy {ej"
 y {pk»u€"qf rqykgfpkq"43"k"3:"fpk0" tgfpk"e|cu"rqd{vw"y" |cng pq ek"qf"|cuwquycpgl"ogvqf{"
 nge|gpkc"y {pk»u€"38"fpk"y"i twrk"ejqt{ej"nge|qp{ej"|cejqycye|q."45"fpk"rq"rtqvg|qycpkw."
 53"fpk"rq"|u|{ekw"rgthqtcelk."55"rq"ftgpc w"qrgtce|lp{o"67"fpk"rq"tgugmelk"rt|g€{mw0

E|cu"jqurkvcnk|celk"y"rt|{rcfmw"rgthqtcelk"y e|gup{ej"d{€"mt»vu|{"k"y {pk»u€"48"fpk."rqf/
 e|cu"i f{"rgthqtcelg"r» pg"|yk |cpg"d{€{"|g" tgfpk "rqd{vw"uk icl e "58"fpk0

tgfpk"e|cu"jqurkvcnk|celk"y"rt|{rcfmw"rgthqtcelk"u|{lp{ej"y {pk»u€"55"fpk."rktukqy {ej"ó"
 53"fpk"cdt|wu|p{ej"ó"44"fpk0" okgtvgnpq "y"i twrk"ejqt{ej"|rgthqtcelc ok"y"qfekpmw"u|{l/
 p{o"y {pkqufc"38 ".y"rktukqy {o"ó"48 "c"y"dt|wu|p{o"ó"62 '0"Y"v{o"rt|{rcfmw"e|cu"rq/
 d{vw"d{€"qfy tqvpg"rtqrqtelqpcnp{"fq"rtqegpvqygiq"qfugvmc"y {nge|g 0

\ guvcykgpkg" tgfpk"ej"e|cu»y"jqurkvcnk|celk"y"rq|e|gi»np{ej"rqfi twrcej"rt|gfucyk"
 vcdgnc"30

Tabela 1. E|cu"jqurkvcnk|celk"y"rq|e|gi»np{ej"rqfi twrcej

	średni czas hospitalizacji (dni)	wyleczeni (dni)	zmarli (dni)
etiologia			
lvtqigppc	57	57	57
samoistna	43	44	43
urazowa	3:	39	49
typ leczenia			
zszycie	53	54	49
ftgpc	55	54	57
tgugmelc	45	73	63
rtqvg c	45	45	45
cejqycye g	38	3:	32
czas trwania			
wczesne	48	48	4;
r» pg	58	5:	55
lokalizacja			
u {lpc	55	53	63
rktukqyc	53	53	4;
dt wu pc	44	3:	4;
razem	52	52	53

6050" CPCNK\C"YKGNQE\ [PPKMQYC

Y"qrctekw"q"ogvqf "tgitgulk"nqikuv{e|pgl" fnc" yu|{uvmkej" | okgpp{ej"wuvcnppq." g" kuvqvp{ok"
e|{ppkmcok"ocl e{ok"yr{y"pc" okgtvgnpq "d{f{<
" ykgm"ejqt{ej"*r"?2.2333+"|QT"?3.29"*;7 ' "EK<3.2463.34+.
" CUC"6"*r"?2.2227;+"|QT"?8.55"*;7 ' "EK<3.94644.44+.
" tgugmelc"rt|gf{mw"*r"?2.2355+"|QT"?8.73"*;7 ' "EK<3.6;64:.5:+0

5. DYSKUSJA

Rgthqtcelc"rt|g{mw"uvcpqyk"kuvqvp{"rtqdnqo"mnkpkelp{"|g"y|in fw"pc"|pce|pg"t{|{mq"ek / mkej."|y{mng"okgtvgnp{ej"rqykmfc 0"fq"ncv"620"ZZ"ykgmw"okgtvgnpq "y"rt|{rcfmw"rgthqtcelk"rt|g{mw"uk icfc"322 ']7;_0"Yrtqycf|gpkq"kw"rqyu|gejpkpkk"mqo rngmuqygiq"ejktwtike|pgiq"nge|gpkc"rgthqtcelc."rqngicl eg iq"pc"u{|ekw"rgthqtcelc."nkm ykfccl"cekgm»y"tqrqyke{|ej"t»frkgtukc"ktqrpkcm»y"qréwepgl"qtc|"uvquqycpkw"cpv{dkqv{mqvgtcrkk."urqyqfqcq"kuvqvp "rq/rtc y "y{pkm»y0"Y"uy{ej"rtcecej"Uc ouqp."Ygkugn"tckpg."Qxguvtggv"Qejupgt"ykgnw"kpp{ej"rt|gfuvcykfq"y{pkm"nge|gpkc."e| uvq|"fqdt{ok"ghgmvcok"J87/89_0"Yrtqycf|gpkq"y"ncvcej":20"ZZ"ykgmw"ykgpkc"rq|clgnkvqygiq"rquv r{"y"kpvgpu{ypgl"vgtcrkk"qtc|"umwvge|pkglu|g"qdtc/|qycpkq"VM."icuvtqhkdgtqumqrkc+."yrf{p f{"pc"fcnu| "rqrtc y "y{pkm»y"vc"m g"woq nkyk{yftq gpkq"umwvge|p{ej"ogvqf"nge|gpkc|"cejqycye|giq"rgthqtcelc0"Y"quvcvpkej"ncvcej"yrtq/ycf|gpkq"rqyngmcp{ej."wuwycnp{ej"gpfrtqvq|"qtc|"qrgtcelg"ykgqvqtcumqumqrqyg"y{|pc/e|{f{"pqy{"vtgpf"y"ocfqkpyc{|lp{o"nge|gpkw"rgthqtcelc0"Rqokoq"fqfvcmy{ej"oq nkyq ek"nge|gpkc|"cejqycye|giq"ocfqkpyc{|lpqiq."nge|gpkq"qrgtce{lpq"uvcpqyk"pcfc"rqfuvcy "vg/terkk"rgthqtcelc"rt|g{mw0"tq|rq|pcpkq"rgthqtcelc"rt|g{mw"y"yk mu|q ek"fqpkgukg "qrkgtc"uk "pc"dcfcpkw"mqpvtcuvqy{o"rt|g{mw"nwd"VM"mncvmk"rkgtukqygl|"w {ekgo" tqfmc"ekgpkwl eg iq0"Rtg|gpvqycpg"y"rk okgppkev ykg"cnigt{v{o"rquv rquycpk"qrctvg"u "i»y pkg"pc"v{ej"ogvq/fcej"J89"/8;_0"Kuvpkl "fqpkgukgpkc."y"mv»t{ej"tq|rq|pcpkq"rgthqtcelc"qrctvg"lqfpc"pc"dcfcpkw"gpqumqrqy{o0"gtqinw"y"ur0"tq|rq|pcpkq"rgthqtcelc"rqv ykgtf|knk"dcfcpkgo"mqpvtcuvqy{o" w"39"*69.4 '+c"gpqumqrqyq"y"u{|umkej"58"rcelgv»y"J92_0"Mcrrwuc{o"y"ur0"rt|gfuvcyknk"fcpg":3"rcelgv»y"nge|qp{ej"y"ncvcej"3; ;2 422;|"rqyqfw"rgthqtcelc"rt|g{mw0"dcfc/pkq"gpqumqrqyq"u{eq"y{e|pkq"fq"fkciquv{mk"45 ' "nwd"fq"mqo rngmuqygiq"nge|gpkc"99 ' "rt|{rcfm»y0"Cwvqt|{"w|pcnk"gpqumqrk " |c"dg|rke|p{"k"yc p{"e|{ppkm."ypqu| e{"fqfvcmyq"y"kpqhtocelg"ocleg"yrf{y"pc"oqf{hkmccl "k"rqrtc y "y{pkm»y"nge|gpkc"J93_0"Xcnd¾j"ogt"y"ur0"cuvcuqycnk"y"fkciquv{eg"rgthqtcelc"rt|g{mw"dcfcpkq"gpqumqrqyq"y"48"*7; '+rt|{/rcfmcej."VM"y"3; *65 '+c"q|qhciquitck " |w {ekgo"icuvtqitckp{"y"38"*58 '+}J94_0"Y"pcu|{o"ocvgtkeng"dcfcpkq" |w {ekgo"u|v{ypgiq"q|qhciquumqrw"nwd"icuvtqhkdgtqumqrw"d{eq"i»y p{o"e|{ppkmko"fgc{fwl e{o"q"tq|rq|pcpkw."okcfq"t»y pkg "yrf{y"pc"uwvcngpkq"uvtcvgikk"fcnu|giq"nge|gpkc0"dcfcpkq"y{mqpcpw":8"*;7 '+rcelgv»y"*w"rq|quvc{ej"7"tq|rq|pcpkq"uwvcnpq" |c"rqoqe "dcfcpkc"mqpvtcuvqygiq"nwd" "y"rt|{rcfmw"ekc"qde{ej"rt|gdklcl e{ej"rt|g{m"ó"rt|g/in fqygiq"tcfkqitc"ow+0"W":4"ejqt{ej"rqv ykgtf|ppq"qdgepq "rgthqtcelc"*;7 '+.c"y"ó"rt|{/rcfmcej"y{pkm"dcfcpkc"d{e"wlgo p{"nwd"y vrnk y {0

G|qhciquumqrk"lguv"dcfcpkgo."mv»tg"rq|ycnc"rtge{|{lpkg"qmtg nk "hqmcnk|cel "k"tq|okct"rgt/hqtcelc."uvqrkg "rgpvtcelc"fq"t»frkgtukc"qtc|"okglueqy{"uvcp"ekcp{"rt|g{mw0"Qdcy{"|yk / |cpq"|"oq nkyq ek " |yk mu|gpkc"mqpvoc kpccl" t»frkgtukc"rqfe|cu"kpuwnccl"y{fcl "uk "rt|g/ucf|ppg0"Rqpcfvq"dcfcpkq"lguv"y{mqp{ycpg"y" |pkge|wngpkw"qi»np{o."oq g"d{"rt|grtqyc/f|ppq"y"ejqt{ej" |ckpvwdqycp{ej"nwd"y"vtcmekq"qrgtcelc0"tq|rq|pcpkq"rgthqtcelc"okpkocnpgl"y"dcfcpkw"gpqumqrqy{o"lguv"rqfuvcy "fq"rqfl ekc"fgc{|lk"q"nge|gpkw" |cejqycye|{o0"G|q/hciquumqrk" t»fqrgtce{lpq"rq|ycnc"t»y pkg "qegpk "y{pkm"nge|gpkc"qrgtce{lpqiq."c"rqfe|cu"ko rncpvcelc"uvgpw"lguv"rqfuvcyqy{o"pct| f|kg"o0"Pkg"urqu»d"vg "pkg"fqegpk "oq nkyq ek"gp/fqumqrqygl"qegp{"u|e|gnpq ek"y"qmtgukq"iqlgpkc."u|e|gi»npkg"y"y{rcfmw"pkgrgyppiq"y{pkmw"dcfcpkc"mqpvtcuvqygiq0"dcfcpkq"mqpvtcuvqyq"rt|g{mw"w"ejqt{ej"ng e{ej."|yfcu|e|c"rt|gd{/

y cl e {ej"pc"qff|kcfccej"kpvgpu{ ypgl"vgtrckk."lguv"vtwfpq"nwd"yt e|"pkgy {mqpcnpg"y {pkm"VM"
|"rqfcpkg"o" tqfmc"ekgpkwl egia"rt|g|"iē dpkm"oq g"d{ "hcēu|{ ykg"wlgo p{0"Kuvqvp "dctkgt "
y"rqyu|gej p{o" |cuvquy cpkw"gpqumqrk"y"qegpkg"rgthqtcelk"lguv"e| uvq"dtcm"fq ykcfē|gpkc"
|gurqfēw"ejktwtike|pgiq"]93_0

\g"y|in fw"pc"tgncv{ y p "t|cfmq "y {uv r q y c p k c "k" p k g e j c t c m v g t { u v { e | p g " q d l c y { " v q y c /
t|{u| eg"rgthqtcelk."qr» pkgpkgtq|rq|pcpkc"uk ic"72 ' "rt|{rcfm»y0" okgtvgnpq "y"itwrkg"ng/
e|qp{ej"y {pquk"3: 642 ' " * |cmtgu<"26: 2 ' +"]95.96_0" Y"pcu|{ o" o cvgtkeng"qi»npc" okgtvgnpq "
y {pkqufc"46 ' 0"lguv"vq"y {pkm|dnk qp{"fq"fc p{ej"|"rk okgppkevy c0

Ye|gupg"tq|rq|pcpkc"y ftq gpkngē|gpkc"uvcpqy"rqfuvyqy {"rctcf { i o cv"rquv r q y c p k c "
y"rt|{rcfmw"rgthqtcelk"rt|gē{mw0"Ujcmgt"kyur0"rqfcl ".|ēqv " |cucf "46"iqf|kpö"ó"qrv{ o c n p g /
iq"e|cuw"qf"y {uv r k g p k c " r g t h q t c e l k " f q " t q | r q e | e k c " n g e | g p k c "] 4 ; _ 0 " D t k p u v g t " k " y u r 0 " r t | g f u v c y k n k "
fcpg|dkqte|g"qdglo w l e g " 5 ; 2 " r t | { r c f m » y " r g t h q t c e l k " r t | g ē { m w "] 9 6 _ 0 " o k g t v g n p q " y " r t | { r c f /
mw"rgthqtcelk"ye|gup{ej" * fq"46"iqf|0+"y {pkqufc" tgfpkq"36 ' " * |cmtgu<"264: ' +"c"y"rt|{rcf/
mw"rgthqtcelk"r» p{ej"ó" tgfpkq"49 ' " * |cmtgu<"2668 ' +0"Kuvpkl "lgfpc"mqpkugkpkc." g"e|{ppkm"
e|cuw"pkg"qf i t { y c " k u v q v p g l " t q n k " y " r t q i p q | q y c p k w " y { p k m » y " n g e | g p k c "] 9 7 / 9 9 _ 0 " Y " p c u | { o " o c /
vgtkeng" okgtvgnpq "y"rt|{rcfmw"rgthqtcelk"ye|gup{ej"y {pkqufc"3: ' ."pcvokcuw"y"r» p{ej"
ó"55 ' 0"Ok o q " r t c y k g " f y w m t q v p g l " t » p k e { " p k g " q u k i p ē c " q p c " r q | k q o w " k u v q v p q e k " u v c v { u v { e | p g l "
*r"?"2.32:4+="rtcy"fqrfqdpkg"rt|{e|{p "d{fc"pkgy {uvctelcl ec"nke|gdpq "itwr0" P c n g { " | c /
wyc { . " g " y " r k o k g p p k e v y k g " d t c m " | p c o k g p p q e k " t » p k e " y " r t | g { e k c e j " o k f | { " i t w r " e j q t { e j "
|"rgthqtcel" ye|gup "c"r» p "y {uv r w l g " y " r w d n k m c e l c e j " f q v { e | e { e j " o p k g l u | { e j " n k e | g d p k g "
itwr0" J g t o c p u u q p " k " y u r 0] 9 7 _ . " y " c p c n k | k g " f q v { e | e g l " 3 4 7 " r t | { r c f m » y " r g t h q t c e l k . " p k g " u v y k g t f | k n k "
t» pke {"y"tqm q y c p k w " y " | c n g p q e k " q f " t q f | c l w " k " e | c u w " v t y c p k c " r g t h q t c e l k 0 " R t | g f q r g t c e { l p c " q e g /
pc"y"umcnk"CUC"d{fc"lgf{p{o"e|{ppkmkg o"y rē{ycl e{o"pc"tqm q y c p k g 0 " Y " p c u | { o " q r t c e q y c /
pkw"uvykg t f | k n k o { " r q f q d p " | c n g p q . " u | e | g i » n p k g " y " i t w r k g " C U C " 6 0 " T » y p k g " y " r t c e { " O w k t "
k"yur0]99_."nqmcnk|celc"rgthqtcelk."gvkqni k c " k " t q f | c l " | c u v q u y c p g i q " n g e | g p k c " p k g " o k c ē { " y r ē { y w "
pc" okgtvgnpq 0"l g f { p { o " e | { p p k m k g o " | c n g p { o " d { ē " e | c u " v t y c p k c " r g t h q t c e l k " * r " ? " 2 . 2 2 3 + . " m v » t { "
y"cpnk|kg"yknqe|{ppkmqygl"qmc|cē"uk "e|{ppkmkg o"pkgkuvqvp{o"uvcv{uv{e|pkg0

Rgthqtcelg"uc o qkuvpg"u "qdek qpg"u|e|gi»npkg"fw " okgtvgnpq ek ."uk icl e " 62 ' "
*2694 ' +"]96_0" Y"pcu|{ o" o cvgtkeng"rgthqtcelg"uc o qkuvpg"d{ē{"kuvqvp{o"e|{ppkmkg o"tqm q y p k /
e|{o" * r " ? " 2 . 2 4 ; 6 + 0 " o k g t v g n p q " y { p k q u f c " 7 6 ' " * 8 " | i q p » y . " y " v { o " 3 " p k g | y k | c p { " | " e j q t q d "
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pcu|{ o"Qff|kcng"pkg"uvquy c p q " o g v q f " g p f q u m q r q y g i q " n g e | g p k c " r g t h q t c e l k " u c o q k u v p { e j 0 " \ p c /
mq o k v g " y { p k m k " q u k i p k v g " r t | { " w { e k w " r t q v g | " u c o q t q | r t c n p { e j " p q y g l " i g p g t c e l k " y { f c l " u k "
qdkgewl e "c n v g t p c v { y " n g e | g p k c " e j q t { e j " d g | " q d l c y » y " t q r q y k e { " n w d " v q y c t | { u | e g l " u g r u { 0

Yk mu|q "cwwqt»y"lguv"|fcpkc." g"citgu{ ypg"ejktwtike|pg"nge|gpkc"rqykppq"d{ "y ftq qpg"
pkg|cng pkg"qf"e|cuw"vt y c p k c " r g t h q t c e l k "] 6 7 . 9 2 . 9 ; _ 0 " O g v q f { " n g e | g p k c " q r g t c e { l p g i q " q d g l o w l < " r k g t /
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m k t " | g " t g f p k " o k g t v g n p q e k " 3 4 ' " * 2 6 5 3 ' + "] 9 6 _ 0 " Y " p c u | { o " d c f c p k w " o k g t v g n p q " y { p k q u f c "
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l g u v " r q u v r q y c p k g o " | " y { d q t w " w " e j q t { e j . " m v » t { e j " u v c p " r q | y c n c " p c " y { m q p c p k g " q r g t c e l k 0 " C n v q t /
l c { "] 6 9 _ " r t | g f u v c y k e " y " u y g l " r t c e { " y { p k m k " t g u g m e l k " r t | g ē { m w " l c m q " r k g t y q v p g l " o g v q f { " n g e | g p k c "
y u | { u v m k e j " t q f | c l » y " r g t h q t c e l k " r t | g ē { m w . " | g " o k g t v g n p q e k " 5 . 9 ' " * 3 1 4 9 + 0 " M k g t p c p " k " y u r 0 " q t c | "
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m c e j " t q | n g i ē g l " t q r q y k e { " n w d " f { u v c n p g i q " | y g p k c " r t | g ē { m w "] 9 ; . : 5 _ 0 " M k u u " r t | g f u v c y k e " p c u v r w /
l e g " y u m c | c p k c " f q " r k g t y q v p g l " t g u g m e l k " r t | g ē { m w "] : 6 <

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" |u|{ekg"o"53"fpk.

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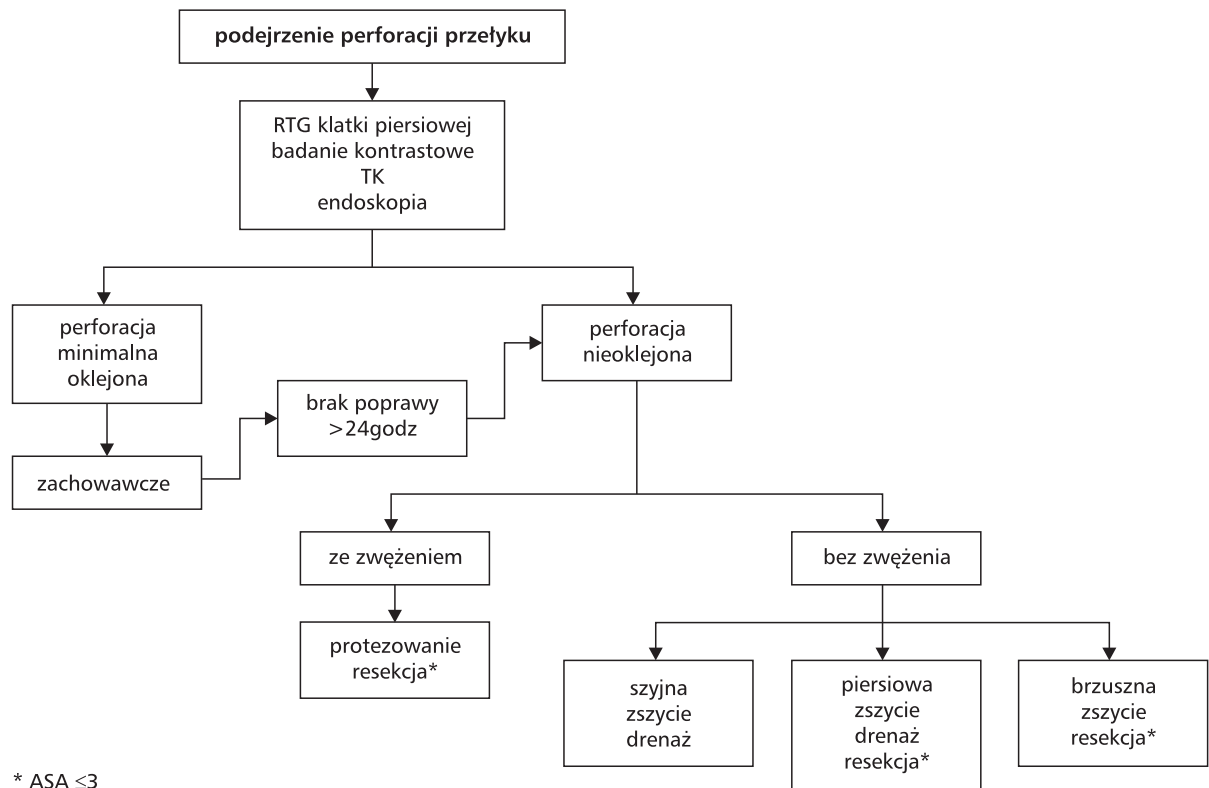
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* ASA ≤3

Ryc. 15. Cni qt{ v o "nge |gpkc" rgthqtcelk" rt|g{mw

6. WNIOSKI

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Rqpcfvq" |dcfcpq"y r{y"kp{ej"e|{ppkm»y."vcmkej"lcm«tqf|cl"wu|m qf|gpkc."lgiq"nqmcnk/
|celc."e|cu"lcmk"wr{p "qf"wu|m qf|gpkc"fq"tq|rqe| ekc"nge|gpkc."ykgm"rcelgpvc"vc"m g"ejqtq/
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OGVQF [MC

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Y [PKMK

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|pcokgppkg"yk mu| " o kgtvgnpq ek "pk "rq|quvcfg"ogvqf{"nge|gpkc0"Pky {fqnpq "ykgnpct| /
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Y PKQUMK

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SUMMARY

DCEMITQWPF

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PIŚMIENICTWO

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- " : 0" Ue jkpfngt" T0<" I cvtqueqr { "ykvj" hngzkdng" i cvtqueqr g0" C o 0" L0" Fki0" Fku0." 3 ; 58=" 4<" 878 885
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759 762

530" Dwgemgt" C0." Ygkp" D0D0." Pgwgt dwti" L0O0." I wgpvjgt" T0 Y0<" Guqr jci gen" rgthqtcvkqp<" eq o rc/
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8:5 8:8

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*5+<"566 56:

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; 8 " * 9 + < " 9 7 3 9 7 9

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F0G0<" K o r c e v " q h " g p f q u e q r k e " c u g u u o g p v " c p f " v t g e v o g p v " q p " q r g t c v k x g " c p f " p q p / q r g t c v k x g " o c /
p c i g o g p v " q h " c e w v g " q g u q r j c i g e n " r g t h q t c v k q p 0 " D t 0 " L 0 " U w t i 0 . " 4 2 3 3 = " ; : * 8 + < " : 3 : : 4 6

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