

\$WWHPSW WR XWLOLJH &ODVVL¿FDWLRQ RI
SURYLGHG E\ \$KOTYLVW WR JHQHUDWH LQGLY
WKH DFWLRQV RQ LQVXOLQ UHVLVWDQFH F
HuHFWLYH GLDEHWHV FRQWURO IURP VWDUW

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7\SH 'LDEHWHV PHOOLWXV 7' UHI Key Words: R D V\QGURPH WKDW E\ GH\&QLWLRQ LV VHFRQGDU\ WR QXPHURXV H[WHQWV RI FHOOV IDLOXUH LQ DGGWLWRQ WR UHGXFWLRLQ LQ LQ\&HOLQEVHM\&WPLHQOLW\&WMSLW\&LQ\&ROR] PHWDEROLF ,PSDLUPHQW PRVW SDWL\&H\&W\&H\&PHODOLW\&HGL\&VXQILQW\&QVLW SUHVHQWLQJ ZLWK 7' RU 7' 5HFHQW\&V\&VWHP RI FODVVL\&FDWLRLQ IRU DGXOW RQVHW GLVHDVH NHSLQJ LQ YLHZ the heterogenic metabolic phenotypes of this disease.This news Biography FODVVL\&FDWLRLQ V\&VWHP PLJKW SRV\&VHVV WKH SRWHQWLDO\&RU XWLQJDWLRLQ JUHDWHU LQGLYLGXDOL]DWLRLQ RI WUHDWPHQW\&SHQGLQJ\&WKH\&QG4UO\&LQ PHWDEROLF ,PSDLUPHQWV LQ WKLY Centre For Human Reproduction [W\&DQG KHLV\&LQ\&QG4UO\&LQ mediation studies have developed data to validate this claim URP /+0\& 'HOKL LQ WRSLSLQJ LQ PHGLF Thus here we provide a brief introduction on the etiopathogenesis ZLWK UHJDUG WR 7' DV ZHOO DV LQ SDWLHQWV\&W\&DQG KHLV\&LQ\&QG4UO\&LQ DGXOW DJH EHVLGHV VXP\&DUL]H WKH\&W\&DQG KHLV\&LQ\&QG4UO\&LQ\&QG4UO\&LQ systems including one we had earlier provided. Subsequently we try to review the actions of various antidiabetic agents on insulin VHQLWLW\&DORQJ ZLWK FHOIXQFWLRQ LQ DGGWLWRQ WR WKH SRVLW DSSURDFKHV IRU LQGLYLGXDOL]HG WKHUDS\&DV SHU WKH YDULRXV VXEJURXS based on Ahlgvist et al's posit.Thus we conclude that the innovative 7' VXEJURXS DGG WR DQ LQWULJXLQJ PRGHO WKDW FRXOG VWLPXODWH XV to get better insight over the pathophysiology of this very wide JURXS RI 7' WKDW DLGV LQ LQGLYLGXDOL]HG WUHDWPHQW RSWLRQV RQ WKH basis of the underlying etiology of the disease.In these innovative 7' VXEJURXS RI DGXOW RQVHW GLVHDVH WKDW ZRXOG DLG LQ JLYLQJ some antidiabetic agents that would prove be more advantageous IRU FHUWLQ VXEJURXS FRQVLGULQJ WKH PDMRU SDWKRSK\&VLRORJ\ LQ DGGWLWRQ WR DYRLGQFH RI HQGRUJDQ LQMXU\ 7R VWDUW ZLWK LW LV MXVW WKH LQLWLDWLRLQ RI WU\&LQJ WR JHW LQ LQGLYLGXDOL]HG WKHUDS\&IRU 7' DORQJ ZLWK VWXGLHV WKDW VWDUW SHUIRULQJ HYDOXDWLRLQ RI WKH FXUUHQW H[LVWHQFH LQ DGGWLWRQ WR LQQRYDWLYH GUXJV SURVSHFWLYHO in various subgroups possessing separate metabolic phenotypes to VXFHHG LQ PDNLQJ WKHUDS\&PRUH LQGLYLGXDOL]HG