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Modification of Outcome Study (MOS) polymer used system: A novel approach

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Synthetic polymers must however have economical, reasonable cost which they have sometimes treated for change in molecular size for obtaining other final properties. Need has safe effects. Easy availability in many countries, they have produced industries. A key feature of this novel, oil soluble polysaccharide has it is brilliant stability and viscosity retention at temperature above 150°C. In addition, this hydrophilic colloid thickens, suspends, and stabilizes water-based systems while imparting rheological control. Welan gum has stable in the presence of calcium format, even under high resistance in solutions containing beyond. A solution of welan gum in water has thinning (1, 2). At rest and it exhibits viscosity. By contrast, it exhibits. The viscosity changes immediately when the shearing conditions change, for example, when the solution is pumped. Structure of Welan gum, Isapgulla husk (*Psyllium*) simply as Psyllium seed husk has used as binder, disintegration and release retardant. In an attempt, psyllium and acrylic acid based pH sensitive novel hydrogels using N,N methylenebisacrylamide as cross linker and ammonium persulfate as inhibitors for model drugs, tetracycline hydrochloride insulin and tyrosine, for the use in colon specific drug delivery has studied.