

TABLE 4: INTERVENTIONS ADDRESSED IN THE REVIEWED LITERATURE

Author	Article Type	Jurisdiction	Age range	Subtopic	Intervention associated with outcomes (child behavioral changes, PMVC, others)
CHILD PEDESTRIAN CHARACTERISTICS					
Mannocci et al. (2019) ³⁵	Systematic review and meta-analysis	Worldwide	10-19 years old	Training- children's knowledge, behaviors	Community-based programs (mixed findings on child behavioral changes); effectiveness proportional to the complexity of the strategies implemented, resources available, commitment of individuals, etc.
Schwebel et al. (2014) ⁴⁰	Systematic review and meta-analysis	Worldwide	3-11 years old	Training-children's behaviors	Individualized and small-group training (positive association with child behavioral changes) Virtual reality, boardgames, classroom training, video training (mixed findings on child behavioral changes)
Dowswell et al. (2002) ⁴²	Systematic Review	Low-income areas	0-14 years old	Training- children's behaviors	Practical roadside pedestrian training (positive association to child behavioral changes)

BUILT ENVIRONMENT

Staton et al. (2016) ⁴⁷	Systematic review and qualitative meta-analysis	Low- and Middle-Income countries	All ages	Speed control	Speed bumps (associated to a reduction in PMVC)
Cairns et al. (2015) ⁴⁸	Systematic review	Worldwide	All ages	Speed control	20 mph traffic speed reduction zones (associated to a reduction in PMVC) Safe community interventions: legislative action, construction of separate pedestrian and cyclist roads, enforcement of lowered speed limits, mass media campaigns, targeted education of children and targeted counselling of parents (associated to a reduction in child PMVC)
Turner et al. (2004) ⁴⁶	Systematic review	Worldwide	0-14 years old	Community-based interventions	Traffic calming (associated with a reduction in PMVC)
Retting et al. (2003) ⁹⁶	Review article	Worldwide	All ages	Speed	Traffic calming (associated with a reduction in PMVC)

DRIVERS'S BEHAVIORS

Quistberg et al. (2018) ⁶⁷	Before-and-after evaluation	Seattle	All ages	Speed	Automated enforcement cameras near schools (associated to a decrease in speed violation rates, maximum violation speed and mean hourly speeds)
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MOTOR VEHICLES CHARACTERISTICS (ALL AGES)

Haus et al. (2019) ⁷²	Modelling (injury risk)	U.S.A.	All ages	Vehicle design	Automated emergency braking system (associated to a reduction in fatality and injury risk)
Edwards et al. (2015) ⁷³	Modelling (cost/benefit)	Europe	All ages	Vehicle design	Automated emergency braking system and passive safety such as A-pillar airbag (associated to a reduction in injury cost)
Hu & Klinich (2015) ⁶⁴	Review report	Worldwide	All ages	Vehicle design	Deployable passive safety design: pop-up hoods, windshield airbags, and active safety designs: brake-assist and autonomous-braking system (associated to a reduction in PMVC)
Gupta et al. (2015) ⁷¹	Simulation study (numerical model)	n/a	All ages	Vehicle design	Primary and secondary pedestrian head impact location, therefore injury severity (associated to the front end design type)
Strandroth et al. (2014) ⁷⁴	Crash tests	Europe	All ages	Vehicle design and standards	Front end Euro NCAP standards (poor rating associated to pedestrian injury severity)
Van Kampen (1991) ⁷⁰	Review article (report)	Worldwide	All ages	Vehicle design	Front end design safety standards (associated to a reduction in PMVC)